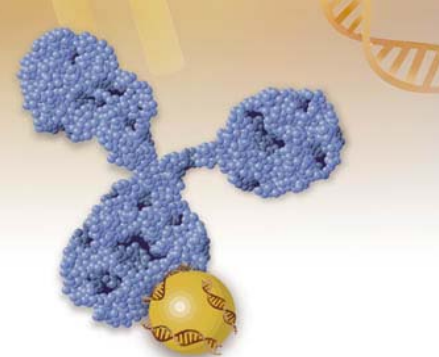


Order Form - Custom Antibody Services



To place an order, please fax or mail this form to:

GENOVAC, Germany
GENOVAC, USA

Fax +49-761-45636-0
Fax +1-505-212-6066

Please complete the following information for ordering. The prices are based on GENOVAC's current price list (USD), available on our website. Every order will be confirmed in writing. Do not hesitate to contact us if you need any further information.

Ordering		Synthetic Genes		
		Target name	\$1.52 /bp ¹	USD
Synthetic cDNA	bp			
				Subtotal

Ordering		Peptide Synthesis ² & Conjugation		
		Target name	\$45 / aa (10 mg)	USD
Peptide sequence	Quantity	aa		
	<input type="checkbox"/> 10 mg			
Conjugation		mg	\$112.5 / mg	
KLH <input type="checkbox"/> (min. 2 mg for immunization)				
OVA <input type="checkbox"/> (min. 1 mg for testing)				
				Subtotal

Ordering		Immunization ³		
Service Category	Species	Target name	Number	USD
Polyclonal Packages³	Mouse Rat Rabbit Guinea-pig			
Protein <input type="checkbox"/> , or Peptide <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
BASIC ⁴ <input type="checkbox"/> , or OPTIMISED <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
Monoclonal	Mouse Rat			
Protein <input type="checkbox"/> , or Peptide ⁵ <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>			
OPTIMISED	<input type="checkbox"/> <input type="checkbox"/>			
OPTIMISED (multiple, membrane-spanning) ⁶	<input type="checkbox"/> <input type="checkbox"/>			
				Subtotal
				TOTAL

1 - Gene synthesis for standard genes. Minimum charge for 1-400 bp is \$660.

2 - Peptides longer than 30 amino acids: +25%. Please inquire for modified peptides.

3 - All polyclonal packages include a standard immunization package and a serum test (except for BASIC). In addition the Peptide Polyclonal Package includes 15 amino acid peptide synthesis and conjugation to KLH and OVA. Additional amino acids are charged extra. OPTIMISED package including re-cloning, expression control, immunization, and serum test. Guinea-pigs are not available for BASIC and OPTIMISED.

4 - BASIC: a mammalian expression vector with a strong eukaryotic promoter is needed. Only recommended for sequences including a leader sequence.

5 - Including 15 amino acid peptide synthesis and conjugation to KLH and OVA. Additional amino acids are charged extra.

6 - Success fee (\$11,250) payable upon customer's approval based on supernatant testing in customer's assay.

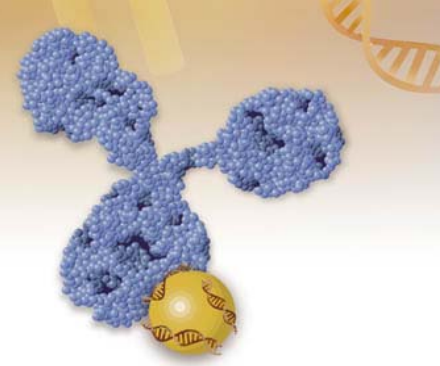
Prices for genetic immunization are valid if the cDNA sequence supplied by the customer is 100% identical to the cDNA template in accordance with a guarantee from the customer in this regard. Additional costs due to sequence differences will be charged separately. Any uncertainties in this respect can be eliminated by ordering DNA sequencing as an additional individual service (see below).

For security reasons, the prices include free storage of the hybridomas / immunization construct for up to 3 months after delivery of the antisera / hybridomas to the customer.

GENOVAC GmbH
3233 15th Street South
Fargo, ND 58104
USA
Phone 701-297-9256
Fax 701-280-1642

Managing Director: Dr John Thompson
HRB 7270 (Amtsgericht Freiburg, Germany)
Tax No.: 06426/44039
VAT ID: DE813950004
www.genovac.com

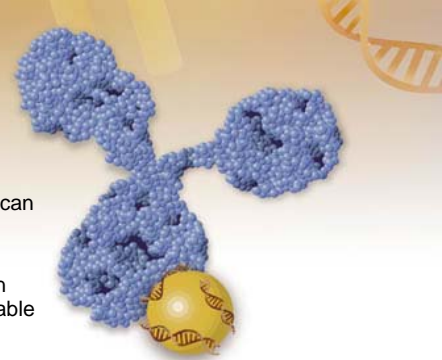
Well Fargo Bank, N.A.
Minneapolis, MN
Acc. No.: 768-2026609
RTN. 121000248
SWIFT-Code: WFBIUS66



Scientific Contact		Invoicing Address	
<input type="text"/>			
<input type="text"/> Contact Person		<input type="text"/> Contact Person	
<input type="text"/>			
<input type="text"/> Company / Institute		<input type="text"/> Company / Institute	
<input type="text"/>			
<input type="text"/> Department		<input type="text"/> Department	
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<input type="text"/> Email		<input type="text"/> Email	
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Delivery Address			
<input type="text"/>			
<input type="text"/> Contact Person			
<input type="text"/>			
<input type="text"/> Company / Institute			
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<input type="text"/> Department			
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<input type="text"/>			
<input type="text"/> Country			

<input type="text"/>	<input type="text"/>
<input type="text"/> Date: DD/MM/YYYY	<input type="text"/> Signature
	<input type="text"/> Print Name:

With your signature you signify that you agree to GENOVAC's 'Terms and Conditions of Sale 2004', available from our website or upon request.



Milestones

For each antibody project, we define different quality control milestones. In case of negativity, the projects can be stopped after the unsuccessful milestone to minimize unnecessary costs for the customer:

Polyclonal antibodies

- Milestone 1: Expression control of the recloned DNA construct or peptide synthesis and conjugation
Milestone 2: Immunization of 2 rabbits or 5 rats or 5 mice or 3 guinea-pigs and serum test, if applicable

Monoclonal antibodies

- Milestone 1: Expression control of the recloned DNA construct or peptide synthesis and conjugation
Milestone 2: Immunization of 5 rats or 5 mice and serum test
Milestone 3: Fusion and selection
Milestone 4: Subcloning

Delivery

Postage and handling extra, flat rate for each delivery to North America \$200.

- Pre-immune serum from each animal.
200 µl antiserum per mouse from five animals per project.
2-4 ml antiserum per rat from five animals per project.
5-10 ml antiserum per guinea-pig from three animals per project.
60-100 ml antiserum per rabbit from two animals per project.
Remaining peptide or protein, if applicable.
Five ml supernatant from each positive hybridoma clone and subclones from up to three hybridoma cell lines.
For GPCR and other multiple, membrane-spanning proteins: delivery of the clones upon customer's confirmation of success.

Options

- DNA sequence analysis (customer construct): Analysis of the customer's cDNA-construct by DNA sequencing. Confirmation in one direction. \$0.26 / bp
Subcloning of one additional hybridoma. \$1,550
Storage of one hybridoma in liquid nitrogen. \$95 / year
Purification of monoclonal antibodies from hybridoma supernatants see separate price list

Payment

All prices in USD excluding taxes and EXW (ex works) INCOTERMS 2000.
All payments due within 20 days of the invoice issue date without deductions.

Polyclonal antibodies

- Milestone 1: Peptide synthesis and conjugation: payment on order placement
OPTIMISED: 50% payment on order placement
Milestone 2: BASIC / protein / peptide immunization: payment on commencement
OPTIMISED: 50% payment on commencement

Monoclonal antibodies

- Milestone 1: Peptide synthesis and conjugation: payment on order placement
OPTIMISED: 20% payment of the price per target on order placement
Milestone 2: Protein / peptide immunization: 30% payment of the price per target on commencement
OPTIMISED: 20% payment of the price per target on commencement
Milestone 3: Protein / peptide immunization: 50% payment of the price per target on commencement
OPTIMISED: 40% payment of the price per target on commencement
Milestone 4: Protein / peptide immunization: 20% payment of the price per target on delivery
OPTIMISED: 20% payment of the price per target on delivery
Success fee: Payment upon customer's approval based on supernatant testing in customer's assay (only for GPCRs and other multiple, membrane-spanning proteins) and completion of milestone 4

Success

All services are provided by us using recognized scientific procedures. However, owing to the nature of the services, which are performed using living organisms with all their inherent limitations, we cannot give any guarantee of success.

If during the fulfillment of an individual service position it appears that the generation of a specific antibody using the cDNA concerned becomes highly improbable, GENOVAC will consult with the customer on further progress. However, services already fulfilled by GENOVAC are not affected by the possible omission of ongoing services. Already fulfilled services cannot be refunded irrespective of their biological success. The results will be made available to the customer. Specifications above and beyond this require an explicit contractual agreement.

Liability

We are liable in accordance with all legal regulations, which may not be varied by agreement between the parties. As far as legally permissible, we are only liable for that portion of any damage, that is typically foreseeable. Under the same preconditions our liability is excluded for neglect of minor contractual obligations. Our liability is further limited to the total amount of payments received before the claim under the contract at hand, as far as such limitation is legally valid.

With respect to loss arising from death, personal injury or damage to health, we shall be liable, always without restriction, in accordance with statutory provisions.

Where loss results from mistakes by a third party, we shall be entitled to assign to the purchaser our own rights to claim damages against the third party. A claim may only be brought against us if the purchaser is unsuccessful in legal proceedings against the third party.

Terms and Condition of Sale

The Terms and Conditions of Sale 2004 of GENOVAC GmbH apply.