

# Product Datasheet

## Recombinant Human Myosin Heavy Chain 3 GST (N-Term) Protein

**H00004621-Q01-10ug**

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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### Publications: 1

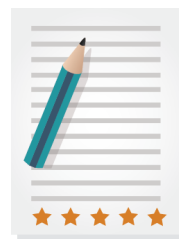
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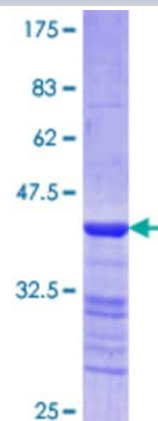
**H00004621-Q01-10ug****Recombinant Human Myosin Heavy Chain 3 GST (N-Term) Protein**

<b>Product Information</b>	
<b>Unit Size</b>	10 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>80% by SDS-PAGE and Coomassie blue staining
<b>Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
<b>Target Molecular Weight</b>	36.63 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with a N-terminal GST tag corresponding to the amino acid sequence 2-100 of Human heavy chain Myosin</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  SSDTEMEVFGIAAPFLRKSEKERIEAQNPFDKTYCFVVDSSKEEYAKGKIKSS  QDGKVTVETEDNRTLTVVKPEDVYAMNPPKFDRIEDMAMLTHTLNEP</p>
<b>Gene ID</b>	4621
<b>Gene Symbol</b>	MYH3
<b>Species</b>	Human
<b>Preparation Method</b>	in vitro wheat germ expression system
<b>Details of Functionality</b>	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Protein Array, SDS-Page, Immunoaffinity Purification
<b>Recommended Dilutions</b>	Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification



## Images

SDS-Page: Recombinant Human heavy chain Myosin Protein [H00004621-Q01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



## Publications

Nunes DF, Guedes PM, de Mesquita Andrade C et al. Troponin T autoantibodies correlate with chronic cardiomyopathy in Human Chagas disease. Trop Med Int Health 2013-08-01 [PMID: 23906320] (ELISA)



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### **Products Related to H00004621-Q01-10ug**

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NBP1-89707PEP	Myosin Heavy Chain 3 Recombinant Protein Antigen
NB300-221	GAPDH Antibody (1D4)
NBP1-89707	Myosin Heavy Chain 3 Antibody
291-G1-200	IGF-I/IGF-1 [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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