

# Product Datasheet

## Recombinant Human MDR1/ABCB1 GST (N-Term) Protein H00005243-Q01-10ug

Unit Size: 10 ug

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

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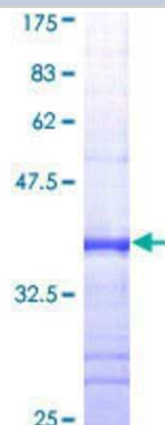
**H00005243-Q01-10ug****Recombinant Human MDR1/ABCB1 GST (N-Term) Protein**

<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>	35.64 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with a N-terminal GST tag corresponding to the amino acid sequence 620-709 of Human MDR1/ABCB1</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b> GIYFKLVMTMQTAGNEVELENAADESKSEIDALEMSSNDSRSSLRKRSTRRSVR GSQAQDRKLSTKEALDESIPPVSFWRIMKLNLTWP</p>
<b>Gene ID</b>	5243
<b>Gene Symbol</b>	ABCB1
<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, Immunoaffinity Purification, Quantification
<b>Recommended Dilutions</b>	Western Blot, ELISA, Protein Array, Immunoaffinity Purification, Quantification



## Images

Recombinant Human MDR1/ABCB1 Protein [H00005243-Q01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



## Publications

Kamiie J, Ohtsuki S, Iwase R et al. Quantitative Atlas of Membrane Transporter Proteins: Development and Application of a Highly Sensitive Simultaneous LC/MS/MS Method Combined with Novel In-silico Peptide Selection Criteria. Pharm Res. 2008-01-25 [PMID: 18219561]



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### **Products Related to H00005243-Q01-10ug**

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NBP1-90291PEP	MDR1/ABCB1 Recombinant Protein Antigen
NB200-103	p53 Antibody (PAb 240) - BSA Free
NBP2-67667	MDR1/ABCB1 Antibody (SN06-42)
NB100-556	MDMX Antibody

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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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