

Product Datasheet

Recombinant Human MDR1/ABCB1 GST (N-Term) Protein H00005243-Q01-25ug

Unit Size: 25 ug

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

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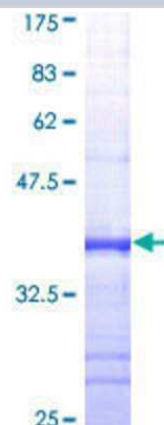


H00005243-Q01-25ug**Recombinant Human MDR1/ABCB1 GST (N-Term) Protein**

Product Information	
Unit Size	25 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	35.64 kDa
Product Description	
Description	<p>A recombinant protein with a N-terminal GST tag corresponding to the amino acid sequence 620-709 of Human MDR1/ABCB1</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: GIYFKLVMTAGNEVELENAADESKSEIDALEMSSNDSRSSLIRKRSTRRSVR GSQAQDRKLSTKEALDESIPPVSFWRIMKLNLTWP</p>
Gene ID	5243
Gene Symbol	ABCB1
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	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.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Protein Array, Immunoaffinity Purification, Quantification
Recommended Dilutions	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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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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