

Product datasheet

Recombinant Human MRP1 protein (His tag) ab235016

1 Image

Description

Product name	Recombinant Human MRP1 protein (His tag)
Purity	> 90 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P33527</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	VRMSSEMETNVAVERLKEYSETEKEAPWQIQETAPPSS WPQVGRVEFRN YCLRYREDLDFVLRHINVTINGGEKVGIVGRTGAGKSSLTL GLFRINESA EGEIIDGINIAKIGLHDLRFKITIIPQDPVLFSGSLRMNLDPFSS QYSDE E VWTSLELAHLKDFVSALPKLDHECAEGGENLSVGQR QLVCLARALLRK TKILVLDEATAAVDLETDDLIQSTIRTQFEDCTVLTIAHRLNTI MDYTRV IMLDKGEIQEYGAPSDLLQQRGLFYMAKDAGLV
Predicted molecular weight	36 kDa including tags
Amino acids	1248 to 1531
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab235016** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.2

Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)

General Info

Function

Mediates export of organic anions and drugs from the cytoplasm. Mediates ATP-dependent transport of glutathione and glutathione conjugates, leukotriene C4, estradiol-17-beta-o-glucuronide, methotrexate, antiviral drugs and other xenobiotics. Confers resistance to anticancer drugs. Hydrolyzes ATP with low efficiency.

Tissue specificity

Lung, testis and peripheral blood mononuclear cells.

Sequence similarities

Belongs to the ABC transporter superfamily. ABCC family. Conjugate transporter (TC 3.A.1.208) subfamily.

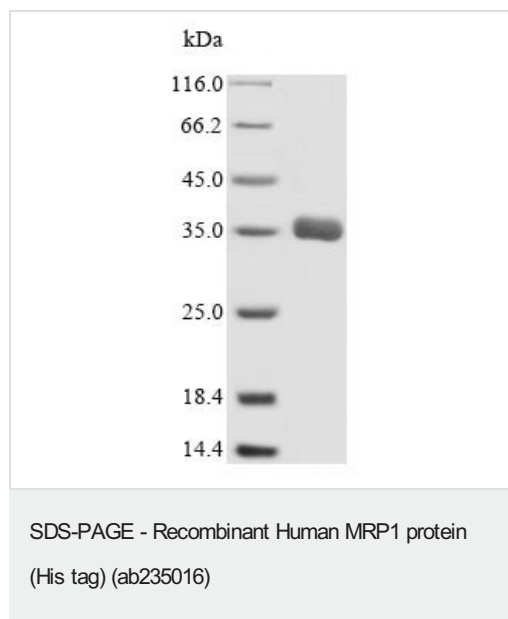
Contains 2 ABC transmembrane type-1 domains.

Contains 2 ABC transporter domains.

Cellular localization

Cell membrane.

Images



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis with 5% enrichment gel and 15% separation gel of ab235016.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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