PRODUCT INFORMATION

Target	ABCB5
Synonyms	ABCB5alpha;ABCB5beta;EST422562
Description	Recombinant human ABCB5 protein with C-terminal human Fc tag
Delivery	Under development
Uniprot ID	Q2M3G0
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	ABCB5(Tyr757-Val827) hFc(Glu99-Ala331)
Molecular Weight	The protein has a predicted molecular mass of 43.34 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	ABCB5 belongs to the ATP-binding cassette (ABC) transporter superfamily of integral membrane proteins. These proteins participate in ATP-dependent transmembrane transport of structurally diverse molecules ranging from small ions, sugars, and peptides to more complex organic molecules (Chen et al., 2005 [PubMed 15760339]). [supplied by OMIM, Mar 2008]
Usage	Research use only
Conjugate	Unconjugated

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