

Product datasheet for TP762713

OriGene Technologies, Inc.

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ABCB4 (NM_018849) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Human ATP-binding cassette, sub-family B (MDR/TAP),

member 4 (ABCB4), transcript variant B, 1Met-60Gly GlyGlyGlyGlySer 600lle-700Val, with N-

terminal His tag, expressed in E.coli, 50ug

Species: Human

Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

A DNA sequence encoding the region (1Met-60Gly GlyGlyGlyGlySer 600Ile-700Val) of ABCB4

Tag: N-His

Predicted MW: 20.7 kDa

Concentration: >0.05 ug/ul as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25mM Tris, 150mM NaCl, 10% glycerol, pH8.0, 1% SKL

Storage: Store at -80°C after receiving vials.

Stability: Stable for at least 1 year from receipt of products under proper storage and handling

conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 061337

Locus ID: 5244
UniProt ID: P21439

RefSeq Size: 3988

Cytogenetics: 7q21.12

RefSeq ORF: 3858

Synonyms: ABC21; GBD1; ICP3; MDR2; MDR2/3; MDR3; PFIC-3; PGY3



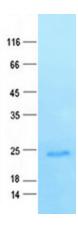
Summary:

The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance as well as antigen presentation. This gene encodes a full transporter and member of the p-glycoprotein family of membrane proteins with phosphatidylcholine as its substrate. The function of this protein has not yet been determined; however, it may involve transport of phospholipids from liver hepatocytes into bile. Alternative splicing of this gene results in several products of undetermined function. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: ABC transporters

Product images:



Coomassie blue staining of purified ABCB4 protein (Cat #TP762713). The protein was produced from E.coli.