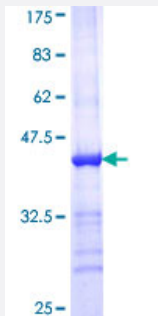


ABCB6 (Human) Recombinant Protein (Q01)

Catalog # H00010058-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ABCB6 partial ORF (NP_005680, 743 a.a. - 842 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KAPGIILLDEATSALDTSNERAIQASLAKVCANRTTIVVAHRLSTVVNADQLVIKDGCVERGRHEAL LSRGGVYADMWQLQQGQEETSEDTPQTMER
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ABCB6

Entrez GeneID [10058](#)

GeneBank Accession# [NM_005689](#)

Protein Accession# [NP_005680](#)

Gene Name ABCB6

Gene Alias ABC, ABC14, EST45597, FLJ22414, MTABC3, PRP, umat

Gene Description ATP-binding cassette, sub-family B (MDR/TAP), member 6

Omim ID [605452](#)

Gene Ontology [Hyperlink](#)

Gene 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 half-transporter likely plays a role in mitochondrial function. Localized to 2q26, this gene is considered a candidate gene for lethal neonatal metabolic syndrome, a disorder of mitochondrial function. [provided by RefSeq]

Other Designations ATP-binding cassette half-transporter|ATP-binding cassette, sub-family B, member 6

Pathway

- [ABC transporters](#)

Disease

- [Abnormalities](#)
- [Acidosis](#)
- [Cholestasis](#)
- [Genetic Predisposition to Disease](#)
- [Growth Disorders](#)
- [Renal Aminoacidurias](#)
- [Syndrome](#)