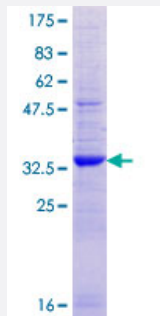


ATP8B1 (Human) Recombinant Protein (Q01)

Catalog # H00005205-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ATP8B1 partial ORF (NP_005594.1, 471 a.a. - 551 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	INGQIYGDHRDASQHNHNKIEQVDFSWNTYADGKLAFYDHYLIEQIQSGKEPEVRQFFFLAVCHTV MVDRTDGQLNYQAA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.65
Interspecies Antigen Sequence	Mouse (89); Rat (88)
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 — ATP8B1

Entrez GeneID [5205](#)

GeneBank Accession# [NM_005603](#)

Protein Accession# [NP_005594.1](#)

Gene Name ATP8B1

Gene Alias ATPIC, BRIC, FIC1, PFIC, PFIC1

Gene Description ATPase, class I, type 8B, member 1

Omim ID [211600](#) [243300](#) [602397](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the P-type cation transport ATPase family, which belongs to the subfamily of aminophospholipid-transporting ATPases. The aminophospholipid translocases transport phosphatidylserine and phosphatidylethanolamine from one side of a bilayer to another. Mutations in this gene may result in progressive familial intrahepatic cholestasis type 1 and in benign recurrent intrahepatic cholestasis. [provided by RefSeq]

Other Designations E1-E2 ATPase|OTTHUMP00000163615|phospholipid-transporting ATPase IC

Disease

- [Cholestasis](#)
- [Pregnancy Complications](#)