

Recombinant Human ATP8B1 protein, GST-tagged

Cat. No. ATP8B1-1015H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ATP8B1 partial ORF (NP_005594.1, 471 a.a. - 551 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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, Jul 2008]
Molecular Mass	34.65 kDa
AA Sequence	INGQIYGDHRDASQHNHNKIEQVDFSWNTYADGKLAFYDHYLIEQIQSGKEPEVRQFFLLAVCHTVMVDRTDGQLNYQAA
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [ATP8B1 ATPase, aminophospholipid transporter, class I, type 8B, member 1 \[Homo sapiens \]](#)

Official Symbol [ATP8B1](#)

Synonyms ATP8B1; ATPase, aminophospholipid transporter, class I, type 8B, member 1; ATPase, class I, type 8B, member 1 , ATPase, Class I, type 8B, member 1 , BRIC, FIC1, PFIC1; probable phospholipid-transporting ATPase IC; ATPIC; PFIC; E1-E2 ATPase; ATPase, class I, type 8B, member 1; phospholipid-transporting ATPase IC; familial intrahepatic cholestasis type 1; BRIC; FIC1; PFIC1;

Gene ID [5205](#)

mRNA Refseq [NM_005603](#)

Protein Refseq [NP_005594](#)

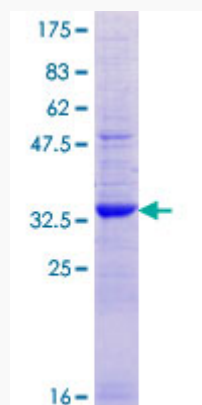
MIM [602397](#)

UniProt ID [O43520](#)

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12.5% SDS-PAGE Stained with Coomassie Blue.

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