

Recombinant Human ATP8A2 protein, GST-tagged

Cat. No. ATP8A2-6755H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATP8A2 protein(1085-1188 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1085-1188 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	EDVAWRAAKHTCKKTLLEEVQELETCSRVLGKAVLRDSNGKRLNERDRLIKRLGRK TPPTLFRGSSLQQGVPHGYAFSQEEHGAVSQEEVIRAYDTTKKKS RKK
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

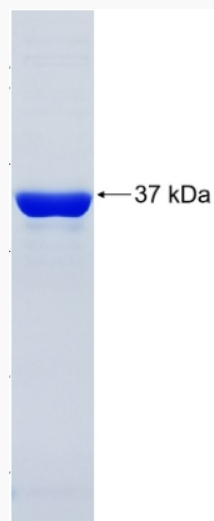
GENE INFORMATION

Gene Name	ATP8A2 ATPase, aminophospholipid transporter, class I, type 8A, member 2 [Homo sapiens]
Official Symbol	ATP8A2
Synonyms	ATP8A2; ATPase, aminophospholipid transporter, class I, type 8A, member 2; ATPase, aminophospholipid transporter like, class I, type 8A, member 2 , ATPase, aminophospholipid transporter like, Class I, type 8A, member 2; probable phospholipid-transporting ATPase IB; ATPIB; ML 1; ATPase class I type 8A member 2; ATPase, aminophospholipid transporter-like, class I, type 8A, member 2; IB; ATP; ML-1; DKFZp434B1913;
mRNA Refseq	NM_016529
Protein Refseq	NP_057613
MIM	605870
UniProt ID	Q9NTI2
Gene ID	51761

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