

Recombinant Human ATP8B2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ATP8B2-3612H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ATP8B2 MS Standard C13 and N15-labeled recombinant protein (NP_001005855) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to the family of P-type cation transport ATPases, and to the subfamily of aminophospholipid-transporting ATPases. The aminophospholipid translocases transport phosphatidylserine and phosphatidylethanolamine from one side of a bilayer to another. Alternatively spliced transcript variants encoding different isoforms have been identified.
Molecular Mass	44 kDa
AA Sequence	MAVCAKKRPPEEEERRARANDREYNEKFQYASNCIKTSKYNILTFPLVNLFEQFQEVA NTYFLFLLILQLIPQISSLSWFTTIVPLVLVTITAVKDATDDYFRHKSDNQVNNRQSQV LINGILQQEQWMNVCVGDIIKLENNQFVAADLLLLSSSEPHGLCYIETAELDGETNMK VRQAIPVTSELGDISKLAKFDGEVICEPPNNKLDKFSGTLYWKENKFPLSNQNMLLR GCVLRNTEWCFLVIFAGPDTKLMQNSGRTKFKRTSIDRLMNTLVLVWIFGFLVCMGV ILAIGNAIWEHEVGMRFQVYLPWDEAVDSAFFSGFLSFWSYIIILNTVVPISLYVRYVP SLTWGLSRESGGPIELFFSMKMKSLRSNEKSSSSCTVNITRTRPLEQKLISEEDLAAN DILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

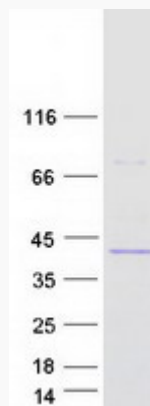
GENE INFORMATION

Gene Name	ATP8B2 ATPase phospholipid transporting 8B2 [Homo sapiens (human)]
Official Symbol	ATP8B2
Synonyms	ATP8B2; ATPase phospholipid transporting 8B2; ATPID; phospholipid-transporting ATPase ID; 36/8-9 fusion protein with epitope for anti-lectin antibody; ATPase, aminophospholipid transporter, class I, type 8B, member 2; ATPase, class I, type 8B, member 2; P4-ATPase flippase complex alpha subunit ATP8B2; probable phospholipid-transporting ATPase ID; EC 7.6.2.1
Gene ID	57198
mRNA Refseq	NM_001005855
Protein Refseq	NP_001005855
MIM	605867

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UniProt ID**P98198****SDS-PAGE** Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA