

Product datasheet for PH315926

ATP8B2 (NM_001005855) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ATP8B2 MS Standard C13 and N15-labeled recombinant protein (NP_001005855)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215926
Predicted MW:	44 kDa
Protein Sequence:	>RC215926 representing NM_001005855 Red=Cloning site Green=Tags(s)

MAVCAKKRPPEEERRARANDREYNEKFQYASNCIKTSKYNILTFLPVNLFEQFQEVANTYFLFLILQLI
PQISSLSWFTTIVPLVLTITAVKDATDDYFRHKSDNQVNNRQSQVLINGILQQEQWMNVCVGDIIKLE
NNQFVAADLLLLSSSEPHGLCYIETAELDGETNMKVRQAIPVTSELGDISKLAKFDGEVICEPPNNKLDK
FSGTLYWKENKFPLSNQNMLLRGCVLRNTEWCFGLVIFAGPDTKLMQNSGRTKFKRTSIDRLMNTLVLWI
FGFLVCMGVILAIIGNAIWEHEVGMRFQVYLPWDEAVDSAFFSGFLSFWSYIIILNTVVPISLYVRYVPSL
TWGLSRESGGPIELFFSMKMKSLRSNEKSSSCTVNI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001005855</u>
RefSeq Size:	1560
RefSeq ORF:	1161
Synonyms:	ATPID
Locus ID:	57198



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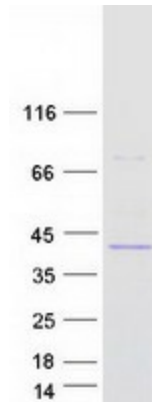
UniProt ID: [P98198](#)

Cytogenetics: 1q21.3

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified ATP8B2 protein (Cat# [TP315926]). The protein was produced from HEK293T cells transfected with ATP8B2 cDNA clone (Cat# [RC215926]) using MegaTran 2.0 (Cat# [TT210002]).