

Product datasheet for TP524746

Atp8b2 (NM_001081182) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ATPase, class I, type 8B, member 2 (Atp8b2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224746 representing NM_001081182 Red=Cloning site Green=Tags(s)

MALCAKKRPPEEERRARANDREYNEKFQYASNCIKTSKYNIVTFLPVNLFQEQFEVANTYFLFLLILQLI
PQISSLSWFTTIVPLVLVTITAVKDATDDYFRHKSDNQVNNRHSQVLINGVLQEQWMMNVCVGDIKLE
NNQFVAADLLLLSSSEPHGLCYIETAELDGETNMKVRQAIPVTSELGDVSQLARFDGEVICEPPNKLKDK
FSGTLYWKENKFPLSNQNMLLRGCVLRNTEWCFGLVIFAGPDTKLMQNSGRTKFKRTSIDRLMNTLVLWI
FGFLVCMGVILAIIGNAIWEHEVGTRFQVYLPWDEAVDSAFFSGFLSFWSYIIILNTVVPISLYVSVEVIR
LGHSYFINWDKMKMFCMKKRTPAEARTTTLNEELGQVEYIFSDKTGTLTQNMVFNKCSINGHSYGDVFDV
LGHKAELGERPEPVDFSNPLADKKFLFWDSLLAEVKMGDPHTHEFFRLLSLCHTVMSEEKNEGELYK
AQSPDEGALVTAARNFGFVFRSRTPKTITVHELGTAITYQLLAILDFNNIRKRMSVIVRNPEGKIRLYCK
GADTILLDRLHPPTQELLSSTTDHLNEYAGDGLRTLVLAYKDLDEEYEEWARRRLQASLAQDSREDRLA
SIYEEVESDMMLLGATAIEDKLQQGVPETIALLLANIKIWWLTGDKQETAVNIGYSCKMLTDDMTEVFV
VTGHTVLEVREELRKARKKMVDSSHAVGNGFTYQGNLSSSKLTSVLEAVAGEYALVINGHSLAHALEADM
ELEFLETACACKAVICCRVTPLQKAQVVELVKYKAVTLAIGDGANDVSMIKTAHIGVIGSGQEGIQAV
LASDYSFSQFKFLQRLLLVHGRWSYLRMCKFLCYFFYKNFAFTMVHFWFGFFCGFSAQTVDYQYFITLYN
IVYTSPLVAMGVFDQDVPEQRSMEYPKLYEPGQLNLLFNKREFFICIAQGIYTSVLMFFIPIYGVFAEAT
RDDGTQLADYQSFVAVTATSLVIVSVQIGLDTGYWTAINHFFIWGSLAVYFAILFAMHSNGLFDMFPNQ
FRFVGNAQNTLAQPTVWLTIALTTAVCIMPVWAFRFLRLSLKPDLSDTVRYTQLVRKKQKAQHRCMRRVQ
RTGSRRSYGAFSHQEGFGELIMSGKNMRLSSLALSSFSTRSSSSWIESLRKKKSDSANSPPSGGAEKPLKG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	135.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001074651
Locus ID:	54667
UniProt ID:	E9QAL4
RefSeq Size:	5705
Cytogenetics:	3 F1
RefSeq ORF:	3570
Synonyms:	Id
Summary:	Catalytic component of a P4-ATPase flippase complex which catalyzes the hydrolysis of ATP coupled to the transport of aminophospholipids from the outer to the inner leaflet of various membranes and ensures the maintenance of asymmetric distribution of phospholipids. Phospholipid translocation seems also to be implicated in vesicle formation and in uptake of lipid signaling molecules (By similarity).[UniProtKB/Swiss-Prot Function]