

Datasheet for ABIN7563571
ATP8B2 Protein (AA 1-1209) (His tag)



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Overview

Quantity:	1 mg
Target:	ATP8B2
Protein Characteristics:	AA 1-1209
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATP8B2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Atp8b2 Protein expressed in mammalian cells.
Sequence:	MTVPKEIPEK WARAGAPPSW SQKKPSWGTE EERRARANDR EYNEKFQYAS NCIKTSKYNI VTFLPVNLFE QFQEVANTYF LFLILQLIP QISSLSWFTT IVPLVLVLT I TAVKDATDDY FRHKSDNQVN NRHSQVLING VLQQEQWMNV CVGDIKLEN NQFVAADLLL LSSSEPHGLC YIETAELDGE TNMKVRQAIP VTSELGDVSQ LARFDGEVIC EPPNNKLDKF SGTLYWKENK FPLSNQNMILL RGCVLRNTEW CFGLVIFAGP DTKLMQNSGR TKFKRTSIDR LMNTLVLVWIF GFLVCMGVIL AIGNAIWEHE VGTRFQVYLP WDEAVDSAFF SGFLSFWSYI IILNTVVPIS LYVSVEVIRL GHSYFINWDK KMFCMKKRTP AEARTTTLNE ELGQVEYIFS DKTGTLTQNI MVFNKCSING HSYGDVFDVL GHKAE LGERP EPVDFSFNPL ADKKFLFWDS SLLEAVKMGD PHTHEFFRLL SLCHTVMSEE KNEGELYYKA QSPDEGALVT AARNFGFVFR SRTPKTITVH ELGTAITYQL LAILDFNNIR KRMSVIVRNP EGKIRLYCKG ADTILLDR LH PPTQELLSST TDHLNEYAGD GLRTLVLAYK DLDEEYEEW ARRRLQASLA QDSREDRLAS IYEEVESDMM LLGATAIEDK LQQGVPETIA LLTLANIKIW VLTGDKQETA VNIGYSCKML TDDMTEVFVV

Product Details

TGHTVLEVRE ELRKARKKMV DSSHAVGNF TYQGNLSSSK LTSVLEAVAG EYALVINGHS
LAHALEADME LEFLETACAC KAVICCRVTP LQKAQVVELV KKYKKAVTLA IGDGANDVSM
IKTAHIGVGI SGQEGIQAVL ASDYSFSQFK FLQRLLLVHG RWSYLRMCKF LCYFFYKNFA
FTMVHFWFGF FCGFSAQTVY DQYFITLYNI VYTSLPVLAM GVFDQDVPEQ RSMEYPKLYE
PGQLNLLFNK REFFICIAQG IYTSVLMFFI PYGVFAEATR DDGTQLADYQ SFAVTVATSL
VIVVSVQIGL DTGYWTAINH FFIWGLAVY FAILFAMHSN GLFDMFPNQF RFGVNAQNTL
AQPTVWLTIA LTTAVCIMPV VAFRFLRLSL KPDLSDTVRY TQLVRKKQKA QHRCMRRVGR
TGSRRSGYAF SHQEGFGELI MSGKNMRLSS LALSSFSTRS SSSWIESLRR KKSDSANSPTS
GGAEKPLKG **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: ATP8B2

Alternative Name: Atp8b2 ([ATP8B2 Products](#))

Target Details

Background: Phospholipid-transporting ATPase ID (EC 7.6.2.1) (ATPase class I type 8B member 2) (P4-ATPase flippase complex alpha subunit ATP8B2),FUNCTION: Catalytic component of P4-ATPase flippase complex, which catalyzes the hydrolysis of ATP coupled to the transport of phosphatidylcholine (PC) from the outer to the inner leaflet of the plasma membrane. May contribute to the maintenance of membrane lipid asymmetry.
{ECO:0000250|UniProtKB:P98198}.

Molecular Weight: 137.0 kDa

UniProt: [P98199](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
