

Datasheet for ABIN7552532

**ATP8B4 Protein (AA 1-1192) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	ATP8B4
Protein Characteristics:	AA 1-1192
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATP8B4 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant ATP8B4 Protein expressed in mammalian cells.
Sequence:	MFCSEKKLRE VERIVKANDR EYNEKFQYAD NRIHTSKYNI LTFLPINLFE QFQRVANAYF LCLLILQLIP EISLWFTT IVPLVLVITM TAVKDATDDY FRHKSDNQVN NRQSEVLINS KLQNEKWMNV KVGDIKLEN NQFVAADLLL LSSSEPHGLC YVETAELDGE TNLKVRHALS VTSELGADIS RLAGFDGIVV CEVPPNKLDK FMGILSWKDS KHSLNNEKII LRGCILRNTS WCFGMVIFAG PDKLQMNSG KTKFKRTSID RLMNTLVLWI FGLICLGI LAIGNSIWES QTGDQFRTFL FWNEGEKSSV FSGLTFWSY IILNTVWPI SLYVSVEVIR LGHSYFINWD RKMYYSRKAI PAVARTTTLN EELGQIEYIF SDKTGTLTQN IMTFKRC SIN GRIYGEVHDD LDQKTEITQE KEPVDFSVKS QADREFQFFD HHLMESIKMG DPKVHEFLRL LALCHTVMSE ENSAGELIYQ VQSPDEGALV TAARNFGFIF KSRTPETITI EELGTLVTYQ LLAFLDFNNT RKRMSVIVRN PEGQIKLYSK GADTILFEKL HPSNEVLLSL TSDHLSEFAG EGLRTLAIAY RDLDKDYFKE WHKMLEDANA ATEERDERIA GLYEEIERDL MLLGATAVED KLQEGVIETV TSLSLANIKI WWLTGDKQET AINIGYACNM LTDDMNDV FV IAGNNAVEVR EELRKAKQNL

## Product Details

---

FGQNRNFSNG HVVCEKKQQL ELDSIVEETI TGDYALIING HSLAHALES D VKNDLLELAC  
MCKTVICCRV TPLQKAQVVE LVKKYRNAVT LAIGDGANDV SMIKSAHIGV GISGQEGLQA  
VLASDYSFAQ FRYLQRLLLV HGRWSYFRMC KFLCYFFYKN FAFTLVHFWF GFFCGFSAQT  
VYDQWFITLF NIVYTSLPVL AMGIFDQDVS DQNSVDCPQL YKPGQLNLLF NKRKFFICVL  
HGIYTSVLVLF FIPYGAFYNV AGEDGQHIAD YQSFAVTMAT SLVIVVSVQI ALDTSYWTFI  
NHVFIWGSIA IYFISILFTMH SNGIFGIFPN QPPFVGNARH SLTQKCIWL V ILLTTVASVM  
PVVAFRFLKV DLYPTLSDQI RRWQKAQKKA RPPSSRRPRT RRSSRRSGY AFAHQEGYGE  
LITSGKNMRA KNPPPTSGLE KTHYNSTSWI ENLCKKTTDT VSSFSQDKTV KL **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: ATP8B4

---

Alternative Name: ATP8B4 ([ATP8B4 Products](#))

---

## Target Details

---

Background: Probable phospholipid-transporting ATPase IM (EC 7.6.2.1) (ATPase class I type 8B member 4) (P4-ATPase flippase complex alpha subunit ATP8B4),FUNCTION: 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 (Probable). {ECO:0000305}.

---

Molecular Weight: 135.9 kDa

---

UniProt: [Q8TF62](#)

---

## 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

---