

Datasheet for ABIN7563859

ATP13A4 Protein (AA 1-1193) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ATP13A4
Protein Characteristics:	AA 1-1193
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATP13A4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Atp13a4 Protein expressed in mammalian cells.
Sequence:	<p>MGDHLEKSQH ALLNEGDENE MEIFGYRTQG CRKALCLIGS IFSLGMLPLV FYWRPAWRVW ANCVPCSLQE ADVLLKTTD EFKIYSWKKV IWISLSALSS TSGLTPDHPL ITDEGYIINR AIRKPDVKVR YIKVQKIRYV WNNLEGQFQK IGSLEDWLSS AKIHQKFGLG LTSEEQEIIR LICGPNAIDV EITPIWKLLI KEVLNPFYIF QLFSVCLWFS EDYKEYALAI ILMVSISIAL TVYDLRQQSV KLHHLVESHN SITVSVYERK AGAQDLESRL LVPGDLLILT GSRVQMPCDA ILIDGSCVVD EGMLTGESIP VTKTPLSQT A SSVPWKMQSE ADPRRHVLCF GTEVIQAKAA GSGAVRAVVL QTGFNTAKGD LVRSILYPKP MNFKLYRDAI RFLCLVGTA TIGMVYTLCV YVLSGEPPEE VVRKALDVIT IAVPPALPAA LTTGIIYAQR RLKKGIFCI SPQRINVCQG LNLVCFDKTG TLTRGGLDPW GVVPCDQNGF QAVHSFASGK ALPQGPLCAA MASCHSLILL DGTIQGDPLD LKMFEATKWE MTASGDDLHI KEMLAHTIVV KPTDMVGQVP AEGLAIVHQF PFSSALQRMT VIVQEMGGGR LAFMKGAPER VASFCQPDTV PTSFISELQI YTTQGFRVIA LAYKKLEMDC PTTALMREKV ESDLVFLGLL ILENRLKEET KPVLEELISA RIRTVMITGD NLQTAITVAR</p>

Product Details

KSGMVSEGQK VILVEANEAT GSSSASISWK LVEEKKPGPF GSQDTYINIR EEVPENGRDR
SYHFALSGKS FHVISQYFSS LLPKILINGT IFARMSPGQK SSLVEEFQKL DYFVGMCGDG
ANDCGALKMA HVGISLSEQE ASVASPFTSK TPNIECVPHL IKEGRAALVT SFCMFKYMAL
YSMIQYVGVL LLYWKTNSLS NYQFLFQDLA ITTLIGVTMN LNGANPKLVP FRPAGRLISP
PLLLSVLNI LLSLAMHIVG FILVQKQPWY IMDYHSVCPV RNESASALAA SPSVPEKTRS
NSTFASFENT TIWFLGTINC IFVALVFSKG KPFRQPTYTN YIFVLVLILQ MGVCLFILFA
DIPEMHRRLD LLCTPVLWRV YILIMISSNF VVSLAVEKAI IENRALWIAV KRCFGYQSKS
QYRIWQRNLA NDSSWPPLNQ TSYSDMQGVS YSNPVFESNE EQL **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: ATP13A4

Alternative Name: Atp13a4 ([ATP13A4 Products](#))

Target Details

Background:	Probable cation-transporting ATPase 13A4 (EC 7.2.2.-) (P5-ATPase isoform 4)
Molecular Weight:	132.8 kDa
UniProt:	Q5XF90

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