

Datasheet for ABIN7552396

ATP13A4 Protein (AA 1-1196) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ATP13A4
Protein Characteristics:	AA 1-1196
Origin:	Human
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:	MGHFEKGQHA LLNEGEENEM EIFGYRTQGC RKSLCLAGSI FSFGILPLVF YWRPAWHVWA HCVPCSLQEA DTVLLRTTDE FQIYSWKKVI WIYLSALNSA FGLTPDHPLM TDEEYIINRA IRKPD LKVR C IKVQKIRYVW NYLEGQFQKI GSLEDWLSSA KIHQKFGSGL TREEQEIRRL ICGPNTIDVE VTPIWKLLIK EVLNPFYIFQ LFSVCLWFSE DYKEYAF AII IMSIISISLT VYDLREQSVK LHHLVESHNS ITVSVCGRKA GVQELES RVL VPGDLLILTG NKVLMPCDAV LIEGSCVVDE GMLTGESIPV TKTPLPKMDS SVPWKTQSEA DYKRHVLF CG TEVIQAKAAC SGTVRAVWLQ TGFNTAKGDL VRSILYPKPV NFQLYRDAIR FLLCLVGTAT IGMIYTLCVY VLSGEPPEEV VRKALDVITI AVPPALPAAL TTGIIYAQRR LKKRGIFCIS PQRINVC GQL NLVCFDKTGT LTRDGLDLWG VVSCDRNGFQ EVHSFASGQA LPWGPLCAAM ASCHSLILLD GTIQGDPLDL KMF EATTWEM AFSGDDFHIK GVP AHAMVVK PCRTASQVPV EGIAILHQFP FSSALQRMTV IVQEMGGDRL AFMKGAPERV ASFCQPETVP TSFVSELQIY TTQGFRVIAL AYKKLENDHH ATTLTRETVE SDLIFLGLLI LENRLKEETK PVLEELISAR IRTVMITGDN LQTAITVARK

Product Details

SGMVSESQKV ILIEANETTG SSSASISWTL VEEKKHIMYG NQDNYINIRD EVSDKGREGS
YHFALTGKSF HVISQHFSSL LPKILINGTI FARMSPGQKS SLVEEFQKLD YFVGMCGDGA
NDCGALKMAH VGISLSEQEA SVASPFTSKT PNIECVPHLI KEGRAALVTS FCMFKYMALY
SMIQYVGVLL LYWETNSLSN YQFLFQDLAI TTLIGVTMNL NGAYPKLVPF RPAGRLISPP
LLLSVIFNIL LSLAMHIAGF ILVQRQPWYS VEIHSACTVQ NESISELTMS PTAPEKMESN
STFTSFENTT VWFLGTINCI TVALVFSK GK PFRQPTYTNY IFVLVLIQL GVCLFILFAD IPELYRRLDL
LCTPVLWRAS IVIMLSLNFV VSLVAEEAVI ENRALWMMIK RCFGYQSKSQ YRIWQRDLAN
DPSWPPLNQT SHSDMPECGR GVSYSNPVFE SNEEQL **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:	134.0 kDa
UniProt:	Q4VNC1

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