

Datasheet for ABIN7563685
ATP13A5 Protein (AA 1-1216) (His tag)



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Overview

Quantity:	1 mg
Target:	ATP13A5
Protein Characteristics:	AA 1-1216
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATP13A5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Atp13a5 Protein expressed in mammalian cells.
Sequence:	MEKSKKDGHQ AVLNEGEENE LEVFGYHTQN LRRALCLVTA ILTLGAVQLM FYWRPEWWVV TSCIPCPLQE ADTILLRTTD EFRRYMRKKV FCLHLSTLKF PISKNPEEPL VADHHSVINQ AVMKPELKLR CIQVQKIRYV WDFLKKRFQK VGLLEDSNSC FDIHHTFGLG LTNEEQEVRR LVCGPNSIEV EIQPIWKLLV KQVLNPFYVF QAFTLTLWLS QGYIEYSVAI IILTVISIVL SVYDLRQQSV KLHKLVEEHN KVQVTITVRD KGLQELESRL LVPGDILILP GKISLPCDAI LIDGSCVVNE GMLTGESIPV TKTPLPQTEN TMPWKSHSLE DYRKHVLF CG TEVIQVKPSA QGLVRAVVLQ TGYNTAKGDL VRSILYPRPL NFKLYNDAFK FMVFLACVGV VGFFYALGVY MYHEVPPRET ATMALILLSA TVPPVLPAL TIGNVYAQKR LKKEKIFCIS PQRINMCGQI NLVCFDKTGT LTEDGLDLWG TVPTAGNCFQ AVHSFASGEA VPWGPLCAAM TSCHSLILLD GTIQGDPLDL KMFEGTGWNM EDSQVASCKF GMADSSTVIK PGPKASQSPV DSITILRQFP FSSGLQRMSV IAQLAGDLHL HVYMKGAPEM VARFCRSETV PKNFSQELRN YTVQGFRVIA LAHKTLKMER LSDMDHLARE KVESELAFLG LLIMENRLKK ETRPVLKELS EARIRTMVT GDNLQTAITV

Product Details

AKNSEMIPVG SQVVIVEANE PGDLVPASVT WQLVGTQEPG SGKKDITYIDI GNSSVPAGKG
YHFAMSGKSY QVLFHHFYSM LPQILVNGTI FARMSPGQKS SLVEEFQKLN YYVGMCGDGA
NDCGALKMAH AGISLSEQEA SVASPFTSKT ANIECVPHLI REGRAALVSS FGVFKYLTMY
GIIQFIGTSL LYWQLQLFGN YQYLLQDVAI TLMVSLTMSI NHAYPKLAPY RPAGQLLSPQ
LLLSVFMNSC FTCIVQVCTF LTVKQPWYC EVYKYSECFL VNQSNLSANV SLDRNWTGNA
TLVPASVLSF EGTTLWPIVT FNCISAAFIF SKGKPFKPI YANYLFSLLL ASAAGLTIFI
LFCDFQDLYR KMEFIPTPTS WRVSILIAAF VQFCVAFFVE DAVLQNRELW LFIKKEFGFY
SKSQYRILQR KLAEDSTWPP VNRTDYAVNG KNGFYVNRAY ESPEEVPKGG LKLEEQASEQ
HFWTRL **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: ATP13A5

Alternative Name: Atp13a5 ([ATP13A5 Products](#))

Target Details

Background:	Probable cation-transporting ATPase 13A5 (EC 7.2.2.-) (P5-ATPase isoform 5)
Molecular Weight:	136.8 kDa
UniProt:	Q3TYU2

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