

Datasheet for ABIN7563858

ATP13A3 Protein (AA 1-1219) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ATP13A3
Protein Characteristics:	AA 1-1219
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATP13A3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Atp13a3 Protein expressed in mammalian cells.
Sequence:	MDKEERKTIN KGQEDEMEIH GYNLCRWKLA MVFVGVICTG GFLLLLLYWL PEWRVKATCV RAAVKDCEVV LLRTTDEFRV WFCAKIHFLP VENQPNLNAK CLVNEVSNGH AVHLTEENRC EMNKYSQSQS QQMRYFTHHS IRYFWNDAIH NDFLKLGLDE GVSCASLYEK HSAGLTQGMH AYRKLIVGVN EIAVKVPSVF KLLIKEVLNP FYIFQLFSVI LWSVDEYYYY ALAIVIMSVV SIISSLYSIR KQYVMLHDMV ATHSTVRVSV CRENEEIEEI FSTDLVPGDV MIPLNGTVM PCDAVLINGT CIVNESMLTG ESPVTKTNL PNPSVDVKGM GEEQYSPETH KRHTLFCGTT VIQTRFYTGE LVKAIIVRTG FSTSKGQLVR SILYPKPTDF KLYRDAYLFL LCLVVVAGIG FIYTIINSIL NEKEVQEIII KSLDIITIV PPALPAAMTA GIVYAQRRLK KVGIFCISPQ RINICGQLNL VCFDKTGTLT EDGLDLWGIQ RVENTRFLLP EDNVCSEMLV KSQFVACMAT CHSLTKIEGV LSGDPLDLKM FEAIGWILEE ATEEETALHN RIMPTVVRPS KQLLPEPTTA GNQEMELFEL PAIYEIGIVR QFPFSSALQR MSVVARTLGE KRMDAYMKGA PEVVASLCKP ETVPVDFEKV LEDYTKQGFR VIALAHRKLE SKLTWHKVQH ISRDAIENNM DFMGLIIMQN KLKQETPAVL EDLHKANIRT

Product Details

VMVTGDNMLT AVSVARDCGM ILPQDKVIA EALPPKDGKV AKINWHYTDS LSQCSESSAI
DSEAIPIKLA HDSLEDLEVT RYHFAMNGKS FSVILEHFQD LVPKLMLHGT VFARMAPDQK
TQLVEALQNV DYFVGMCGDG ANDCGALKRA HGGISLSELE ASVASPFTSK TPSISCVPNL
IREGRAALMT SFCVFKFMAL YSIIQYFSVT LLYSILSNLG DFQFLFIDLA IILVVVFTMS
LNPAWKELVA QRPPSGLISG ALLFSVLSQI VISVGFQSLG FFWVKQYKVC DPNSDVCNTT
RSACWNSSHL YNGTELDSCK IQNYENTTVF FISSFQYLTV AVAFSKGKPF RQPCYKNYFF
VISVIILYVF ILFIMLHPVA SVDQVLEIMC VPYQWRIYML IIVLINAFVS ITVEESVDRW
GKCCLSWALS CRKKTpkaky MYLAQELRFD PEWPPKpQTt TEAKAVVKEN GSCQIITIA

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: ATP13A3

Alternative Name: Atp13a3 ([ATP13A3 Products](#))

Target Details

Background:	Polyamine-transporting ATPase 13A3 (Putrescine transporting ATPase) (EC 7.6.2.16),FUNCTION: ATP-driven pump involved in endocytosis-dependent polyamine transport. Uses ATP as an energy source to transfer polyamine precursor putrescine from the endosomal compartment to the cytosol. {ECO:0000250 UniProtKB:Q9H7F0}.
Molecular Weight:	137.5 kDa
UniProt:	Q5XF89
Pathways:	SARS-CoV-2 Protein Interactome , The Global Phosphorylation Landscape of SARS-CoV-2 Infection

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