

Datasheet for ABIN7552477
ATP10D Protein (AA 1-1426) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ATP10D
Protein Characteristics:	AA 1-1426
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATP10D protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ATP10D Protein expressed in mammalian cells.
Sequence:	MTEALQWARY HWRRLIRGAT RDDDSGPYNY SLLACGRKS SQTPKLSGRH RIVVPHIQPF KDEYEKFSGA YVNNRIRTTK YLLNFVPRN LFEQFHRAAN LYFLFLVVLN WVPLVEAFQK EITMLPLVVV LTIIAIDGL EDYRKYKIDK QINNLITKVY SRKEKKYIDR CWKDVTVGDF IRLSCNEVIP ADMVLLFSTD PDGICHIETS GLDGESNLKQ RQVVRGYAEQ DSEVDPEKFS SRIECESPNN DLSRFRGFLE HSNKERVGLS KENLLLRGCT IRNTEAVVGI VVYAGHETKA MLNNSGPRYK RSKLERRANT DVLWCVMMLV IMCLTGAVGH GIWLSRYEKM HFFNVPEPDG HIISPLLAGF YMFWTMIILL QVLIPISLYV SIEIVKLGQI YFIQSDVDFY NEKMSIVQC RALNIAEDLG QIQYLFSDKT GTLTENKMFV RRCSVAGFDY CHEENARRLE SYQEAVSEDE DFIDTVSGSL SNMAKPRAPS CRTVHNGPLG NKPSNHLA GSFTLGS GEGA SEVPHSRQAA FSSPIETDVV PDTRLLDKFS QITPRLFMPL DETIQNPPME TLYIIDFFIA LAICNTVVVS APNQPRQKIR HPSLGGLPIK SLEEIKSLFQ RWSVRRSSSP SLNSGKEPSS GVPNAFVSRL PLFSRMKPAS PVEEEVSQVC ESPQCSSSSA CCTETEKQHG DAGLLNGKAE SLPGQPLACN LCYEAESPDE AALVYAARAY

QCTLSRSTPE QVMVDFEALG PLTFQLLHIL PFDSVRKRMS VVVRHPLSNQ VVYTKGADS
VIMELLSVAS PDGASLEKQQ MIVREKTQKH LDDYAKQGLR TLCIAKKVMS DTEYAEWLRN
HFLAETSIDN REELLLESAM RLENKLTLLG ATGIEDRLQE GVPESIEALH KAGIKIWMLT
GDKQETAVNI AYACKLLEPD DKLFILNTQS KDACGMLMST ILKELQKKTQ ALPEQVSLSE
DLLQPPVPRD SGLRAGLIIT GKTLEFALQE SLQKQFLELT SWCQAVVCCR ATPLQKSEVV
KLVRSHLQVM TLAIGDGAND VSMIQVADIG IGVSGQEGMQ AVMASDFAVS QFKHLSKLLL
VHGHWCYTRL SNMILYFFYK NVAYVNLLFW YQFFCGFSGT SMTDYWVLIF FNLLFTSAPP
VIYGVLEKDV SAETLMQLPE LYRSGQKSEA YLPHTFWITL LDAFYQSLVC FFVPYFTYQG
SDTDIFAFGN PLNTAALFIV LLHLVIESKS LTWIHLLVII GSILSYFLFA IVFGAMCVTC
NPPSNPYWIM QEHMLDPVFY LVCILTTSIA LLPRFVYRVL QGSLFPSPIL RAKHFDRLTP
EERTKALKKW RGAGKMNQVT SKYANQSAGK SGRRPMPGPS AVFAMKSASS CAIEQGNLSL
CETALDQGYS ETKAFEMAGP SKGKES **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:	ATP10D
Alternative Name:	ATP10D (ATP10D Products)
Background:	Phospholipid-transporting ATPase VD (EC 7.6.2.1) (ATPase class V type 10D) (P4-ATPase flippase complex alpha subunit ATP10D),FUNCTION: Catalytic component of a P4-ATPase flippase complex, which catalyzes the hydrolysis of ATP coupled to the transport of glucosylceramide (GlcCer) from the outer to the inner leaflet of the plasma membrane. {ECO:0000269 PubMed:30530492}.
Molecular Weight:	160.3 kDa
UniProt:	Q9P241

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