

Datasheet for ABIN7556796

ATP1B3 Protein (AA 1-278) (His tag)



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Overview

Quantity:	1 mg
Target:	ATP1B3
Protein Characteristics:	AA 1-278
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATP1B3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Atp1b3 Protein expressed in mammalian cells.
Sequence:	MTKTEKKSFH QSLAEWKLFY YNPSSGEFLG RTSKSWGLIL LFYLVFYGFL AALFTFTMWA MLQTLNDEVP KYRDQIPSPG LMVFPKPQTA LEYTFMSEP QTYKKLVEDL ESFLKPYSVE EQKNLTSCPD GAPFIQHGPD YRACQFPVSL LEECSGVTDA NFGYSKGQPC ILVKMNRIID LIPDGY PQIS CLPKEENATI ATYPEFGVLD LKYFPYYGKK RHVGYRQPLV AVQVKFDSGL NKKEVTVECH IAGTRNLKNK NERDKFLGRV SFKVTARA 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:

Product Details

- 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:	ATP1B3
Alternative Name:	Atp1b3 (ATP1B3 Products)
Background:	Sodium/potassium-transporting ATPase subunit beta-3 (Sodium/potassium-dependent ATPase subunit beta-3) (ATPB-3) (CD antigen CD298),FUNCTION: This is the non-catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of Na(+) and K(+) ions across the plasma membrane. The exact function of the beta-3 subunit is not known.
Molecular Weight:	31.8 kDa
UniProt:	P97370
Pathways:	Thyroid Hormone Synthesis

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