

Datasheet for ABIN7552373
ATP1B4 Protein (AA 1-357) (His tag)



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Overview

Quantity:	1 mg
Target:	ATP1B4
Protein Characteristics:	AA 1-357
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATP1B4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ATP1B4 Protein expressed in mammalian cells.
Sequence:	<p>MRRQLRSRRA PSFPYSYRYR LDDPDEANQN YLADEEEEEAE EEARVTVVPK SEEEEEEEEK EEEEEEEEKEE EEGQGQPTGN AWWQKLQIMS EYLWDPERRM FLARTGQSW S LILLIYFFFY ASLAAVITLC MYTLFLTISP YIPTFTERVK PPGVMIRPFA HSLNFNFNVS EPDTWQH YVI SLNGFLQGYN DSLQEEMNVD CPPGQYFIQD GNEDEDKKAC QFKRSFLKNC SGLEDPTFGY STGQPCILLK MNRIVGFRPE LGDPVKV SCK VQRGDENDIR SISYPESAS FDLRYYP YYG KLTHVNYTSP LVAMHFTDVV KNQAVPVQCQ LKGKGVINDV INDRFVGRVI FTLNIET 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.</p>
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)
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Grade:	custom-made
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Target Details

Target:	ATP1B4
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Alternative Name:	ATP1B4 (ATP1B4 Products)
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Background:	Protein ATP1B4 (X,K-ATPase subunit beta-m) (X/potassium-transporting ATPase subunit beta-m),FUNCTION: May act as a transcriptional coregulator during muscle development through its interaction with SNW1. Has lost its ancestral function as a Na,K-ATPase beta-subunit. {ECO:0000269 PubMed:17592128}.
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Molecular Weight:	41.6 kDa
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UniProt:	Q9UN42
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Pathways:	Thyroid Hormone Synthesis, Proton Transport
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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.
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Restrictions:	For Research Use only
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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