

Datasheet for ABIN7552495

ATP9B Protein (AA 1-1147) (His tag)



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Overview

Quantity:	1 mg
Target:	ATP9B
Protein Characteristics:	AA 1-1147
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATP9B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ATP9B Protein expressed in mammalian cells.
Sequence:	MADQIPLYPV RSAAAAAANR KRAAYSAAG PRPGADRHRSR YQLEDESAHL DEMPLMMSEE GFENEESDYH TLPRARIMQR KRGLEWFVCD GWKFLCTSCC GWLINICRRK KELKARTVWL GCPEKCEEKH PRNSIKNQKY NVFTFIPGVL YEQFKFFLNL YFLVISCSQF VPALKIGYLY TYWAPLGFVL AVTMTREAI EFRRFQRDKE VNSQLYSKLT VRGKVQVKSS DIQVGDLIIV EKNQRIPSDM VFLRTSEKAG SCFIRTDQLD GETDWKLKVA VSCTQQLPAL GDLFSISAYV YAQKPQMDIH SFEGTFTRED SDPPIHESLS IENTLWASTI VASGTVIGVV IYTGKETRSV MNTSNPKNKV GLLDLELNRL TKALFLALVA LSIVMVTLQG FVGPPWYRNLF RFLLLFSYII PISLRVNLDM GKAVYGWMMM KDENIPGTVV RTSTIPEELG RLVYLLTDKT GTLTQNEMIF KRLHLGTVSY GADTMDEIQS HVRDSYSQMQ SQAGGNNTGS TPLRKAQSSA PKVRKSVSSR IHEAVKAIVL CHNVTPVYES RAGVTEETEF AEADQDFSDE NRTYQASSPD EVALVQWTES VGLTLVSRDL TSMQLKTPSG QVLSFCILQL FPFTSESKRM GVIVRDESTA EITFYMKGAD VAMSPIVQYN DWLEEECGNM AREGLRTLTVV AKKALTEEYQ QDFESRYTQA KLSMHDRSLK

VAAVVESLER EMELLCLTGV EDQLQADVPR TLEMLRNAGI KIWMLTGDKL ETATCIAKSS
HLVSRTQDIH IFRQVTSRGE AHLELNAFRR KHDICALVISG DSLEVCLKYY EHEFVELACQ
CPAVVCCRCS PTQKARIVTL LQQHTGRRTC AIGDGGNDVS MIQAADCGIG IEGKEGKQAS
LAADFSITQF RHIGRLLMVH GRNSYKRSAA LGQFVMHRGL IISTMQAVFS SVFYFASVPL
YQGFLMVGYA TIYTMFPVFS LVLDQDVKPE MAMLYPELYK DLTGGRSLSF KTFLIWVLIS
IYQGILMYG ALVLFESFV HVVAISFTAL ILTELLMVAL TVRTWHWLMV VAEFLSLGCV
VSSLAFLNEY FGIGRVSFGA FLDVAFITTV TFLWKVSAIT VVSCLPLYVL KYLRRKLSPP SYCKLAS

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: ATP9B

Alternative Name: ATP9B ([ATP9B Products](#))

Background: Probable phospholipid-transporting ATPase IIB (EC 7.6.2.1) (ATPase class II type 9B)

Target Details

Molecular Weight: 129.3 kDa

UniProt: [O43861](#)

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