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Datasheet for ABIN7551797

ABCF1 Protein (AA 1-845) (His tag)

Overview

Quantity:	1 mg
Target:	ABCF1
Protein Characteristics:	AA 1-845
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ABCF1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ABCF1 Protein expressed in mammalian cells.
Sequence:	MPKAPKQQPP EPEWIGDGES TSPSDKVVKK GKKDKKIKKT FFEELAVEDK QAGEEEKVLK EKEQQQQQQQ QQQKKRDTR KGRKKDVDD DGEELKELMER LKLSVPTSD EEDEVPAKPK RGGKKTGGN VFAALIQQS EEEEEEEKHP PKPAKPEKNR INKAVSEEQ PALKGKKGKE EKSKGKAKPQ NKFAALDNEE EDKEEEIIE KEPPKQGKEK AKKAEQGSEE EGEGESEEEEE GGESKADDPY AHLKKEKKK LKKQMEYERQ VASLKAANAA ENDFSVSQAE MSSRQAMLEN ASDIKLEKFS ISAHGKELFV NADLYIVAGR RYGLVGPNGK GKTLLKHIA NRALSIPPNI DVLLCEQEVV ADETPAVQAV LRADTKRLKL LEEERRLQGQ LEQDDTAAE RLEKVEELR ATGAAAAEAK ARRILAGLGF DPEMQNRPTQ KFSGGWRMRV SLARALFMEP TLLMLDEPTN HLDLNAVIWL NNYLQGWRKT LLIVSHDQGF LDDVCTDIIH LDAQRLHYR GNYMTFFKMY QQKQKELLKQ YEKQEKKLKE LKAGGKSTKQ AEKQTKEALT RKQKCCRKN QDEESQEAPE LLKRPKEYTV RFTFPDPPPL SPPVLGLHGV TFGYQGQKPL FKNLDFGIDM DSRICIVGPN GVGKSTLLLL LTGKLTPTHG EMRKNHRLKI GFFNQYAEQ LRMEETPTEY LQRFNLPYQ

Product Details

DARKCLGRFG LESHHTIQI CKLSGGQKAR VVFAELACRE PDVLILDEPT NNLDIESIDA
LGEAINEYKG AVIVVSHDAR LITETNCQLW VVEEQSVSQI DGDFEDYKRE VLEALGEVMV SRPRE

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: ABCF1

Alternative Name: ABCF1 ([ABCF1 Products](#))

Background: ATP-binding cassette sub-family F member 1 (ATP-binding cassette 50) (TNF-alpha-stimulated ABC protein),FUNCTION: Isoform 2 is required for efficient Cap- and IRES-mediated mRNA translation initiation. Isoform 2 is not involved in the ribosome biogenesis. {ECO:0000269|PubMed:19570978}.

Molecular Weight: 95.9 kDa

Target Details

UniProt: [Q8NE71](#)

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