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Datasheet for ABIN7558830
BICD1 Protein (AA 1-835) (His tag)

Overview

Quantity:	1 mg
Target:	BICD1
Protein Characteristics:	AA 1-835
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BICD1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Bicd1 Protein expressed in mammalian cells.
Sequence:	MAAEEALKTV DQYKTEIERL TKELTETTHE KIQAAEYGLV VLEEKLTLLKQ QYDELEAEYD GLKQELEQLR EAFGQSFSIH RKVAEDGETR EETLLQESAS KEAYYLNKIL EMQNELKQSR AVVTNVQAEN ERLSAVVQEL KENNEMVELQ RIRMKDEIRE YKFREARLLQ DYTELEEEENI TLQKLVSTLK QNQVEYEGLK HEIKRFEET VLLNSQLEDA IRLKEIAEHQ LEEALET LKN EREQKNNLRK ELSQYINLSD SHISISVDGL KFAEDGSEPN NDDKMNGHIH GPLGKLNQDY RTPPTRKGES LHPVSDLFSE LNISEIQKLL QQLIQVEREK AILLANLQES QTQLEHTKGA LTEQHERVHR LTEHVNAMRG LQNSKEIKAE LDCEKGRNSA EEAHDYEVDI NGLILECKY RVAVTEVIDL KAEIKALKEK YNKSVENYTE EKTKYESKIY MYDEQVTNLE KTSKESGEKM AHMEKELQKM TGIANENHNT LNTAQDELVT FSEELAQLYH HVCLCNETP NRVM LDYYRQ SRVTRSGSLK GPDDPRGLLS PRLSRRGVSS PVESRTSSEP VSKENTETSK EPSPTKTPTI SPVITAPPSS PVLDTSDIRK EPMNIYNLNA IIRDQIKHLQ KAVDRSLQLS RQRAAARELA

Product Details

PMIDKDKEAL MEEILKLSL LSTKREQIAT LRAVLKANKQ TAEVALANLK NKYENKAMV
TETMTKLRNE LKALKEDAAT FSSLRAMFAT RCDEYVTQLD EMQRQLAAAE DEKKTNTLL
RMAIQQLAL TQRLEDLEFD HEQSRRSKGK LGKSKIGSPK IVSSLLPPYR HSAHN **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

BICD1

Alternative Name:

Bicd1 ([BICD1 Products](#))

Background:

Protein bicaudal D homolog 1 (Bic-D 1),FUNCTION: Regulates coat complex coatomer protein I (COPI)-independent Golgi-endoplasmic reticulum transport by recruiting the dynein-dynactin motor complex. {ECO:0000250}.

Molecular Weight:

95.9 kDa

UniProt:

[Q8BR07](#)

Pathways:

[Ribonucleoprotein Complex Subunit Organization, Regulation of G-Protein Coupled Receptor](#)

Target Details

Protein Signaling, Maintenance of Protein Location

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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