

Datasheet for ABIN7552806  
**BICD1 Protein (AA 1-975) (His tag)**



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## Overview

Quantity:	1 mg
Target:	BICD1
Protein Characteristics:	AA 1-975
Origin:	Human
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:	MAAEEVLQTV DHYKTEIERL TKELTETTHE KIQAAEYGLV VLEEKLTLLKQ QYDELEAEYD SLKQELEQLK EAFGQSFSIH RKVAEDGETR EETLLQESAS KEAYYLGKIL EMQNELKQSR AVVTNVQAEN ERLTAVVQDL KENNEMVELQ RIRMKDEIRE YKFREARLLQ DYTELEENI TLQKLVSTLK QNQVEYGLK HEIKRFEET VLLNSQLEDA IRLKEIAEHQ LEEALET LKN EREQKNNLRK ELSQYISLND NHISISVDGL KFAEDGSEPN NDDKMNGHIH GPLVKLNQDY RTPTLRKGES LNPVSDLFSE LNISEIQK LK QQLMQVEREK AILLANLQES QTQLEHTKGA LTEQHERVHR LTEHVNAMRG LQSSKELKAE LDGEKGRDSG EEAHDYEVDI NGLILEECKY RVAVTEVIDL KAEIKALKEK YNKSVENYTD EKAKYESKIQ MYDEQVTSLE KTTKESGEKM AHMEKELQKM TSIANENHST LNTAQDELVT FSEELAQLYH HVCLCNETP NRVMLDYRQ SRVTRSGSLK GPDDPRGLLS PRLARRGVSS PVETRSTSEPVAKESTEASK EPSPTKTPTI SPVITAPPSS PVLDTSDIRK EPMNIYNLNA IIRDQIKHLQ KAVDRSLQLS RQRAAARELA

## Product Details

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PMIDKDKEAL MEEILKLKSL LSTKREQIAT LRAVLKANKQ TAEVALANLK NKYENEKAMV  
TETMTKLRNE LKALKEDAAT FSSLRAMFAT RCDEYVTQLD EMQRQLAAAE DEKKTLLNTLL  
RMAIQKLAL TQRLEDLEFD HEQSRRSKGK LGKSKIGSPK VSGEASVTVP TIDTYLLHSQ  
GPQTPNIRVS SGTQRKRQFS PSLCDQSRPR TSGASYLQNL LRVPPDPTST ESFLLKGPPS  
MSEFIQGHRL SKEKRLTVAP PDCQQPAASV PPQCSQLAGR QDCPTVSPDT ALPEEQPHSS  
SQCAPLHCLS KPPHP **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.**

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

BICD1

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### Alternative Name:

BICD1 ([BICD1 Products](#))

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### 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.

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### Molecular Weight:

110.8 kDa

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## Target Details

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UniProt:	<a href="#">Q96G01</a>
Pathways:	<a href="#">Ribonucleoprotein Complex Subunit Organization</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Maintenance of Protein Location</a>

## Application Details

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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

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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