

Datasheet for ABIN7552847
BTBD10 Protein (AA 1-475) (His tag)



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Overview

Quantity:	1 mg
Target:	BTBD10
Protein Characteristics:	AA 1-475
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BTBD10 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant BTBD10 Protein expressed in mammalian cells.
Sequence:	MAGRPHPYDG NSSDPENWDR KLHSRPRKLY KHSSTSSRIA KGGVDHTKMS LHGASGGHER SRDRRRSSDR SRDSSHERTE SQLTPCIRNV TSPTRQHHVE REKDHSSSRP SSPRPQKASP NGSISAGNS SRNSSQSSSD GSCKTAGEMV FVYENAKEGA RNIRTSERV T LVDNTRFVW DPSIFTAQPN TMLGRMFGSG REHNFTRPNE KGEYEVAEGI GSTVFRAILD YYKTGIIRCP DGISIPELRE ACDYLCISFE YSTIKCRDLS ALMHELSNDG ARRQFEFYLE EMILPLMVAS AQSGERECHI VVLTDDDVVD WDEEYPPQMG EEYSQIIYST KLYRFFKYIE NRDVAKSVLK ERGLKKIRLG IEGYPTYKEK VKKRPPGRPE VIYNYVQRPF IRMSWEKEEG KSRHVDFQCV KSKSITNLAA AAADIPQDQL VVMHPTPQVD ELDILPIHPP SGNSDLDPDA QNPML 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

Product Details

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:

BTBD10

Alternative Name:

BTBD10 ([BTBD10 Products](#))

Background:

BTB/POZ domain-containing protein 10 (Glucose metabolism-related protein 1),FUNCTION: Plays a major role as an activator of AKT family members by inhibiting PPP2CA-mediated dephosphorylation, thereby keeping AKTs activated. Plays a role in preventing motor neuronal death and accelerating the growth of pancreatic beta cells. {ECO:0000250|UniProtKB:Q80X66}.

Molecular Weight:

53.8 kDa

UniProt:

[Q9BSF8](#)

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