

Datasheet for ABIN7556523
BTBD1 Protein (AA 1-488) (His tag)



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Overview

Quantity:	1 mg
Target:	BTBD1
Protein Characteristics:	AA 1-488
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BTBD1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Btbd1 Protein expressed in mammalian cells.
Sequence:	<p>MASLGSAAAG EPATGAEAEPPPPAPPPPPPPPPAPSPSAL GPLLPLQREP LYNWQATKAS LKERFAFLFN SELLSDVRFV LGKGRGAAAA GGPQRIPHR FVLAAGSAVF DAMFNNGMAT TSAEIELPDV EPA AFLALLR FLYSDEVQIG PETVMTTLYT AKKYAVPALE AHCVEFLTKH LRADNAFMLL TQARLFDEPQ LASLCLDTID KSTVDAISAE GFTDIDIDTL CAVLERDTLS IRESRLF GAI VRWAEAE CQR QQLAVTFGNK QKVLGKALS L IRFPLMTIEE FAAGPAQSGI LSDREVNLF LHFTVNP KPR VEYIDRPRCC LRGKECCINR FQQVESRWGY SGTSDRIRFT VNR RISVVG F GLYGSIHGPT DYQVNIQIE YEKKQTLGQN DTGFSCDGTA NTFRVMFKEP IEILPNVCYT ACATLKG PDS HYGTKGLKKV VHETPAASKT VLFFSSPGN NNGTSIEDGQ IPEIIFYT</p> <p>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.</p>
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:

BTBD1

Alternative Name:

Btbd1 ([BTBD1 Products](#))

Background:

BTB/POZ domain-containing protein 1 (Glucose signal-repressing protein),FUNCTION: Probable substrate-specific adapter of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (By similarity). Seems to regulate expression levels and/or subnuclear distribution of TOP1, via an unknown mechanism (PubMed:15486563, PubMed:17462629). May play a role in mesenchymal differentiation where it promotes myogenic differentiation and suppresses adipogenesis (PubMed:15486563, PubMed:17462629). {ECO:0000250|UniProtKB:Q9H0C5, ECO:0000269|PubMed:15486563, ECO:0000269|PubMed:17462629}.

Molecular Weight:

53.2 kDa

UniProt:

[P58544](#)

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
