

Datasheet for ABIN7544355
TBC1D20 Protein (AA 1-403) (His tag)



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Overview

Quantity:	1 mg
Target:	TBC1D20
Protein Characteristics:	AA 1-403
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TBC1D20 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TBC1D20 Protein expressed in mammalian cells.
Sequence:	MALRSAQGDG PTSGHWDGGA EKADFNARKK KKVAEIQAL NSDPTDVAAL RRMAISEGGL LTDEIRRKVW PKLLNVNAND PPPISGKNLR QMSKDYQQVL LDVRRSLRRF PPGMPREEQRE GLQEELIDII LLILERNPQL HYYQGYHDIV VTFLLVVGER LATSLEKLS THHLRDFMDP TMDNTKHILN YLMPIDQVN PELHDFMQSA EVGTIFALSW LITWFGHVLS DFRHVRLYD FFLACHPLMP IYFAAVIVLY REQEVLD CDC DMASVHHLLS QIPQDLPYET LISRAGDLFV QFPPSELARE AAAQQQAERT AASTFKDFEL ASAQRPMV LRQFRGLLR PEDRTKDVLT KPRTNRFVKL AVMGLTVALG AAALAVVKS LEWAPKFLQ LFP 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.

Product Details

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:

TBC1D20

Alternative Name:

TBC1D20 ([TBC1D20 Products](#))

Background:

TBC1 domain family member 20,FUNCTION: GTPase-activating protein specific for Rab1 and Rab2 small GTPase families for which it can accelerate the intrinsic GTP hydrolysis rate by more than five orders of magnitude (PubMed:23236136). Involved in maintaining endoplasmic reticulum structure (PubMed:24891604). {ECO:0000269|PubMed:23236136, ECO:0000269|PubMed:24891604}.

Molecular Weight:

45.9 kDa

UniProt:

[Q96BZ9](#)

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