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Datasheet for ABIN7555752

TBC1D2 Protein (AA 1-928) (His tag)

Overview

Quantity:	1 mg
Target:	TBC1D2
Protein Characteristics:	AA 1-928
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TBC1D2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinant TBC1D2 Protein expressed in mammalian cells.
Sequence:	MEGAGENAPE SSSSAPGSEE SARDPQVPPP EEESGDCARS LEAVPKKLCG YLSKFGGKGP IRGWKSRWFF YDERKCQLYY SRTAQDANPL DSIDLSSAVF DCKADAEEGI FEIKTPSRVI TLKAATKQAM LYWLQQLQMK RWEFHNSPPA PPATPDAALA GNGPVLHLEL GQEEAELEEF LCPVKTPPGL VGVAALQPF PALQNISLKH LGTEIQNTMH NIRGNKQAQG TGHEPPGEDS PQSGEPQREE QPLASDASTP GREPEDSPKP APKPSLTISF AQKAKRQNT FPFSEGITR NRTAQEKVAA LEQQVLM LTK ELKSQKELVK ILHKALEAAQ QEKRASSAYL AAAEDKDRLE LVRHKVRQIA ELGRRVEALE QERESLAHTA SLREQQVQEL QQHVQLLMDK NHAKQQVICK LSEKVTQDFT HPPDQSPLRP DAANRDFLSQ QGKIEHLKDD MEAYRTQNCFLNSEIHQVTK IWRKVAEKEK ALLTKCAYLQ ARNCQVESKY LAGLRRLQEA LGDEASECSE LLRQLVQEAL QWEAGEASSD SIELSPISKY DEYGFLTPD YEVEDLKLLA KIQALESRSRSH HLLGLEAVDR PLRERWAALG DLVPSAELKQ LLRAGVPREH RPRVWRWLHV LRVQHLHTPG CYQELLSRGQ

Product Details

AREHPAARQI ELDLNRTFPN NKHFTCPTSS FPDKLRRVLL AFSWQNPTIG YCQGLNRLAA
IALLVLEEEE SAFWCLVAIV ETIMPADYYC NTLTASQVDQ RVLQDLLSEK LPRLMAHLGQ
HHVDLSLVTF NWFLVVFADS LISNILLRVW DAFLYEGTKV VFRYALAIFK YNEKEILRLQ
NGLEIQYLR FFTKTISNSR KLMNIAFNDM NPFRMKQLRQ LRMVHRERLE AELRELEQLK
AEYLERRASR RRAVSEGCAS EDEVEGEA **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:

TBC1D2

Alternative Name:

TBC1D2 ([TBC1D2 Products](#))

Background:

TBC1 domain family member 2A (Armus) (Prostate antigen recognized and identified by SEREX 1) (PARIS-1),FUNCTION: Acts as a GTPase-activating protein for RAB7A. Signal effector acting as a linker between RAC1 and RAB7A, leading to RAB7A inactivation and subsequent inhibition of cadherin degradation and reduced cell-cell adhesion. {ECO:0000269|PubMed:20116244}.

Molecular Weight:

105.4 kDa

Target Details

UniProt: [Q9BYX2](#)

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