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Datasheet for ABIN7562033

TBC1D2 Protein (AA 1-922) (His tag)

Overview

Quantity:	1 mg
Target:	TBC1D2
Protein Characteristics:	AA 1-922
Origin:	Mouse
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 recombinat Tbc1d2 Protein expressed in mammalien cells.
Sequence:	MEDAPERTPS SSESTQPPGL AREPEVVSPG DSEGCARPLD TVPKKLCGYL SKFGGKGIK GWKCRWFFYD ERKCHLYYSR TAQDANPLDS IDLSSAVFDC KADAE EEGTF EIKTPSRVIT LKAATKQAML YWLQQLQMKR WEFHNSPPAL PATPAAALAE NGPTLHLKLE QEEAELEEFLL CPVKTPTGLV GAAAALQPVP AVPSALQNIS LKHLGTEIQN TMHNIRGNKQ AQAAAHGPLV EDSPQGGEPQ SGEQPSISDP SLPEKEPEDP AKSAPRSSVP SGPTQKPKRQ SNTFPFFSDG LARSRTAQEK VAALEQQVLM LTKELKSQKE LVIILHKALE AAQQEKRASS AYLAATEDRD RLELVRHKVR QIAELNQRVE ALEQGRERLA HEAGLREQQV QALQQHVQLL MDKNHAKQQV ICKLTQKLTE DLAQPADATN GDFLSQQERM EHLKDDMEAY RTQNRFLNSE IHQVTKIWRK VAEKEKALLT KCAYLQARNC QVESKYL AGL RRLQEAAGAE AGDFPELLQQLI QEALQWEA GEADSVGLSP VSEYDDYGFL TVPDYEMEDL KLLAKIQALE VRSHHLLAHE AVERPLRDRW ATLTELTPSA ELKQLLRAGV PREHRPRVWR WLVHRRVRHL QAPGCYQELL ARGRACEHPA

Product Details

ARQIELDLNR TFPTNKHFTC PTSSFPDKLR RVLLAFSWQN PTIGYCQGLN RLAAIALLVL
EDEESAFWCL VAIVETILPA EYYSKTLTAS QVDQRLQDL LSEKLPRLTA HLGQHRVDLS
LITFNWFLVV FADSLISDIL LRWDAFLYE GTKVVFYRYAL AIFKYNEEAI LQLQDSLEIY QYLRFFTKTI
CDSRKLMSIA FNDMNPFPKM QLRQLRAAHR ERLEAELREL ELLKVEYLQR RASLGRAPPE
GCVSEDEGEG DS **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,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 (By similarity). {ECO:0000250}.

Molecular Weight:

104.3 kDa

Target Details

UniProt: [B1AVH7](#)

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