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Datasheet for ABIN7544240

TBC1D2B Protein (AA 1-963) (His tag)

Overview

Quantity:	1 mg
Target:	TBC1D2B
Protein Characteristics:	AA 1-963
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TBC1D2B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TBC1D2B Protein expressed in mammalian cells.
Sequence:	<p>MPGAGARAE GGGGGEGAAQ GAAAEPGAGP AREPARLCGY LQKLSGKGPL RGYRSRWFVF DARRCYLYYF KSPQDALPLG HLDIADACFS YQGPDEAAEP GTEPPAHFQV HSAGAVTVLK APNRQLMTYW LQELQQRWE YCNSLDMVKW DSRTSPTPGD FPKGLVARDN TDLIYHPNA SAEKARNVLA VETVPGELVG EQAANQPAPG HPNSINFYSL KQWGNELKNS MSSFRPGRGH NDSRRTVFYT NEEWELLDPT PKDLEESIVQ EEK KKL TPEG NKGVTGSGFP FDFGRNPYKG KRPLKDIIGS YKNRHSSGDP SSEGTS GSGS VSIRKPASEM QLQVQSQQEE LEQLKKDLSS QKELVRL LQQ TVRSSQYDKY FTSSRLCEGV PKDTLELLHQ KDDQILGLTS QLERFSLEKE SLQQEVRTLK SKVGELNEQL GMLMETIQAK DEVIK LSEG EGNPPPTVA PSSPSVVPVA RDQLELDRLK DNLQGYKTQN KFLNKEILEL SALRRNAERR ERDLMAKYSS LEAKLCQIES KYLILLQEMK TPVCSAQGP TREVIAQLLE DALQVESQEQ PEQAFVKPHL VSEYDIYGFR TVPEDDEEEK LVAKVRALDL KTLYL TENQE VSTGVK WENY FASTVNREMM CSPELKNLIR AGIPHEHRSK VWKWCVDRHT RKFKDNTEPG HFQTLLQKAL EKQNPASKQI ELDLLRTPLN</p>

Product Details

NKHYSCTSE GIQKLRNVLL AFSWRNPDIG YCQGLNRLVA VALLYLEQED AFWCLVTIVE
VFMPRDYYTK TLLGSQVDQR VFRDLMSEKL PRLHGHFEQY KVDYTLITFN WFLVVFVDSV
VSDILFKIWD SFLYEGPKVI FRFALALFKY KEEIILKLQD SMSIFKYLRY FTRTILDARK LISISFGDLN
PFPLRQIRNR RAYHLEKVRL ELTELEAIRE DFLRERDTSP DKGELVSDEE EDT **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.

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: TBC1D2B

Alternative Name: TBC1D2B ([TBC1D2B Products](#))

Background: TBC1 domain family member 2B,FUNCTION: GTPase-activating protein that plays a role in the early steps of endocytosis (PubMed:32623794). {ECO:0000269|PubMed:32623794}.

Molecular Weight: 109.9 kDa

Target Details

UniProt: [Q9UPU7](#)

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