

Datasheet for ABIN7555735
TBC1D31 Protein (AA 1-1066) (His tag)



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Overview

Quantity:	1 mg
Target:	TBC1D31
Protein Characteristics:	AA 1-1066
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TBC1D31 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TBC1D31 Protein expressed in mammalian cells.
Sequence:	<p>MQSTD LGNKE SGKIWHRKPS PATRDGIIVN IIHNTSDYHP KVLRF LNVA F DGTGDCL IAG DHQGN IYVFD LHGNRFNLVQ RTA QACTALA FNLRRKSEFL VALADYSIKC FDTVTKELVS WMRGHESSVF SISVHASGKY AITTSSDTAQ LWDLDTFQRK RKLNIRQSVG IQKVFFLPLS NTILSCFKDN SIFAWECDTL FCKYQLPAPP ESSSILYKVF AVTRDGRILA AGGKSNHLHL WCLEARQLFR IIQMPTKVRA IRHLEFLPDS FDAGSNQVLG VLSQDGIMRF INMQTCKLLF EIGSLDEGIS SSAISPHGRY IASIMENGSL NIYSVQALTQ EINKPPPLV KVIEDLPKNK LSSSDLKMKV TSGRVQPAK SRESKMQTRI LKQDLTGDFE SKKNELPDGL NKKRLQILLK GYGEYPTKYR MFIWRSLQL PENHTAFSTL IDKGTHVAFL NLQKKYPIKS RKLLRVLQRT LSALAHWSVI FSDTPYLPLL AFPFVKLFQN NQLICFEVIA TLIINWCQHW FEYFPNPPIN ILSMIENVLA FHDKELLQHF IDHDITSQLY AWPLLETVFS EVLTREEWLK LFDNIFSNHP SFLM TVWAY NICSRTPLLS CNLKDDFEFF FHHRNNLDIN VVIRQVYHLM ETTPTDIHPD SMLNVFVALT KGQYPVFNQY PKFIVDYQTQ ERERIRNDEL DYLRERQTVE DMQAKVDQQR</p>

Product Details

VEDEAWYQKQ ELLRKAETR REMLLQEEEEK MIQQRQLAA VKRELKVKEM HLQDAARRRF
LKLQQDQEM ELRRLDDEIG RKVYMRDREI AATARDLEMR QLELESQKRL YEKNLTENQE
ALAKEMRADA DAYRRKVDLE EHMFKLIEA GETQSQKTQK VIKENLAKAE QACLNTDWQI
QSLHKQKCDD LQRNKCYQEV AKLLRENRK EIEINAMVE EEAKKWKEAE GKEFRLRSAK
KASALSDASR KWFLKQEINA AVEHAENPCH KEEPRFQNEQ DSSCLPRTSQ LNDSSMDPS
TQISLNRRAV EWDTTGQNLI KKVRNLRQL TARARHRCQT PHLLAA **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: TBC1D31

Alternative Name: TBC1D31 ([TBC1D31 Products](#))

Background: TBC1 domain family member 31 (WD repeat-containing protein 67),FUNCTION: Molecular adapter which is involved in cilium biogenesis. Part of a functional complex including OFD1 a

Target Details

centriolar protein involved in cilium assembly. Could regulate the cAMP-dependent phosphorylation of OFD1, and its subsequent ubiquitination by PJA2 which ultimately leads to its proteasomal degradation. {ECO:0000269|PubMed:33934390}.

Molecular Weight: 124.2 kDa

UniProt: [Q96DN5](#)

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