

Datasheet for ABIN7557114  
**TBC1D2B Protein (AA 1-965) (His tag)**



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## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | TBC1D2B  |
| Protein Characteristics:      | AA 1-965                                       |
| Origin:                       | Mouse  |
| 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>MPGAGDGVVEE SCSGGEGAVP GTGSEAGAVA GREPSRLCGY LQKLSGKGPL RGYRSRWFVF<br/> DSRRCYLYYF KSPQDALPLG HLDIADACFS YQGRDEAAEP GADPPTHFQV HSAGAVTVLK<br/> APNRELMTYW LQELQQRWE YCNSLDMMKW DSRTSPTPGD FPKGLVARDT TDIISQHPNP<br/> SAEKARTVLA VEAAPGELVG DRAAHQPAPG HPNPINFYSL KQWGNELKNS MSSFRPGRGH<br/> SESRRTVFYT NEEWELLDPP PKDLEESLVP EERKKPMPEG SKGVASSGFP FEFGRNPYKG<br/> KRPLKDIIGS YKNRHSSSDP LLEGATSSG SSGGPTKPVP EMQLIQSQQ EELEQLKKDL<br/> SSQKELIRLL QQTVRSSQYD KYFTNPQISQ GVPGDTLELL HQKDEQILGL SGQLERFGL<br/> KESLQQEVRT LKSKVGELNE RLGMLMETIQ AKDEVIIKLS ACEGSVSSPT LGPSSPLAIP<br/> ASKDQLELDR LKDSLQGYKS QNKFLNKEIL ELSALRRNAE RRERDLMAKY SSLEAKLCQV<br/> ESKYLILLQE MKTPVCSEEQ GPARDVIAQL LEDALQVESQ EQPEQAFVKP HLVSEFDIYG<br/> FRTVPDDDEE EKLVAKVRAL DLKTLYLTDN QEVSTGVKWE NYFASTMNRE MACSPELKNL<br/> IRAGIPHEHR SKVWKWCVDR HTRKFKDSME PDYFQTLQK ALEKQNPASK QIELDLLRTL</p> |

## Product Details

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PNNKHYSSPT SEGIQKLRV LAFSWRNPDI GYCQGLNRL VAVALLYLDQ EDAFWCLVTI  
VEVFMPRDYY TKTLLGSQVD QRVFRDLLSE KLPRLHTHFE QYKVDYTLIT FNWFLVVFVD  
SVVSDILFKI WDSFLYEGPK VIFRFALALF KYKEEEILKL QDSMSIFKYL RYFTRTILDA RKLISISFGD  
LNPFPLRQIR NRRAYHLEKV RLELTELEAI REDFLRERDT SPDKGELVSD EEEDT **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

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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. {ECO:0000250|UniProtKB:Q9UPU7}.

Molecular Weight: 110.0 kDa

## Target Details

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UniProt: [Q3U0J8](#)

## Application Details

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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

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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