

Datasheet for ABIN7544324  
**TBC1D24 Protein (AA 1-559) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	TBC1D24
Protein Characteristics:	AA 1-559
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TBC1D24 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant TBC1D24 Protein expressed in mammalian cells.
Sequence:	<p>MDSPGYNCFV DKDKMDAAIQ DLGPKELSCT ELQELQLAR QGYWAQSHAL RGKVYQRLIR DIPCRTVTPD ASVYSDIVGK IVGKHSSSCL PLPEFVDNTQ VPSYCLNARG EGAVRKILLC LANQFPDISF CPALPAVVAL LLHYSIDEAE CFEKACRILA CNDPGRRLID QSFLAFESSC MTFGDLVNKY CQAAHKLMVA VSEDVLQVYA DWQRWLFGEL PLCYFARVFD VFLVEGYKVL YRVALAILKF FHKVRAGQPL ESDSVKQDIR TFVRDIAKTV SPEKLEKAF AIRLFSRKEI QLLQMANEKA LKQKGITVKQ KSVLSKRQF VHLAVHAENF RSEIVSVREM RDIWSWVPER FALCQPLLLF SSLQHGYSLA RFYFQCEGHE PTLIIKTTQ KEVCGAYLST DWSERNKFGG KLGFFGTGEC FVFRQLPEVQ RYEWVVIKHP ELTKPPPLMA AEPTAPLSHS ASSDPADRLS PFLAARHFNL PSKTESMFMA GGSDCLIVGG GGGQALYIDG DLNRGRTSHC DTFNNQPLCS ENFLIAAVEA WGFQDPDTQ <b>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.</b></p>

## Product Details

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**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.

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**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.

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**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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**Grade:** custom-made

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## Target Details

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**Target:** TBC1D24

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**Alternative Name:** TBC1D24 ([TBC1D24 Products](#))

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**Background:** TBC1 domain family member 24,FUNCTION: May act as a GTPase-activating protein for Rab family protein(s) (PubMed:20727515, PubMed:20797691). Involved in neuronal projections development, probably through a negative modulation of ARF6 function (PubMed:20727515). Involved in the regulation of synaptic vesicle trafficking (PubMed:31257402). {ECO:0000269|PubMed:20727515, ECO:0000269|PubMed:20797691, ECO:0000269|PubMed:31257402}.

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**Molecular Weight:** 62.9 kDa

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**UniProt:** [Q9ULP9](#)

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## 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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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