

Datasheet for ABIN7544323  
**TBC1D14 Protein (AA 1-693) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TBC1D14
Protein Characteristics:	AA 1-693
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TBC1D14 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat TBC1D14 Protein expressed in mammalien cells.
Sequence:	MTDGKLTSTST NGVAFMGILD GRPGNPLQNL QHVNLKAPRL LSAPEYGPGL KLRALEDHRHS LQSVDSGIPT LEIGNPEPVP CSAVHVRRKQ SDSDLIPERA FQSACALPSC APPAPSSTER EQSVRKSSTF PRTGYDSVKL YSPTSKALTR SDDVSVCSVS SLGTELSTTL SVSNEDILD VVTSSSSAIV TLENDDDPQF TNVTLSSIKE TRGLHQQDCV HEAEEGSKLK ILGPFSNFFA RNLLARKQSA RLDKHNDL GW KLF GKAPLRE NAQKDSKRIQ KEYEDKAGRP SKPPSPKQNV RKNLDFEPLS TTALILED RP ANLPAKPAEE AQKHRQQYEE MVVQAKKREL KEAQRKKQL EERC RVEESI GNAVLTWNNE ILPNWETMWC SRKVRDLWWQ GIPPSVRGKV WSLAIGNELN ITHELFDICL ARAKERW RSL STGGSEVENE DAGFSAADRE ASLELIKLDI SRTFPNLCIF QQGGPYHDML HSILGAYTCY RPDVGYVQGM SFIAAVLILN LDTADAFIAF SNLLNKPCQM AFFRVDHGLM LTYFAAFEV FFEENLPKLF HFKKNNLTPD IYLIDWIFTL YKSLPLDLA CRIWDVFCRD GEEFLFRTAL GILKLFEDIL TKMDFIHMAQ FLTRLPEDLP AEELFASIAT

## Product Details

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IQMQSRNKKW AQLVTALQKD SREMEKGSPTS LRH **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.**

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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, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

TBC1D14

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### Alternative Name:

TBC1D14 ([TBC1D14 Products](#))

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### Background:

TBC1 domain family member 14,FUNCTION: Plays a role in the regulation of starvation-induced autophagosome formation (PubMed:22613832). Together with the TRAPPIII complex, regulates a constitutive trafficking step from peripheral recycling endosomes to the early Golgi, maintaining the cycling pool of ATG9 required for initiation of autophagy. {ECO:0000269|PubMed:22613832, ECO:0000269|PubMed:26711178}.

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### Molecular Weight:

78.1 kDa

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### UniProt:

[Q9P2M4](#)

## Application Details

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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.

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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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