

Datasheet for ABIN7544194
TBC1D3G Protein (AA 1-549) (His tag)



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Overview

Quantity:	1 mg
Target:	TBC1D3G
Protein Characteristics:	AA 1-549
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TBC1D3G protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TBC1D3G Protein expressed in mammalian cells.
Sequence:	MDVVEVAGSW WAQEREDIIM KYEKGHRAGL PEDKGPKPFR SYNNNVVDHLG IVHETELPPL TAREAKQIRR EISRKSKWVD MLGDWEKYKS SRKLIDRAYK GMPMNIRGPM WSVLLNIEEM KLKNPGRYQI MKEKGKRSSE HIQRIDRDIS GTLRKHMFFR DRYGTKQREL LHILLAYEY NPEVGYCRDL SHIAALFLLY LPEEDAFWAL VQLLASERHS LQGFHSPNGG TVQGLQDQQE HVVATSQPKT MGHQDKKDLG GQCSPLGCLI RILIDGISLG LTLRLWDVYL VEGEQALMPI TRIAFKVQQK RLTKSRCGP WARFCNRFVD TWARDIVL KHLRASMKKL TRKQGDLP AKPEQGSSAS RVPASRGGK TLCKGDRQAP PGPPARFPRP IWSASPPRAP RSSTPCPGGA VREDTYPVGT QGVSPALAQ GGPQGSWRFL QWNSMPRLPT DLDVEGPWFR HYDFRQSCWV RAISQEDQLA PCWQAEHPAE RVRSAFAAPS TDSDQGTPFR ARDEQQCAPT SGPCLCGLHL ESSQFPPGF 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.

Product Details

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: TBC1D3G

Alternative Name: TBC1D3G ([TBC1D3G Products](#))

Background: TBC1 domain family member 3G,FUNCTION: Acts as a GTPase activating protein for RAB5. Does not act on RAB4 or RAB11 (By similarity). {ECO:0000250}.

Molecular Weight: 62.2 kDa

UniProt: [Q6DHY5](#)

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