

Datasheet for ABIN7544239
TBCK Protein (AA 1-893) (His tag)



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Overview

Quantity:	1 mg
Target:	TBCK
Protein Characteristics:	AA 1-893
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TBCK protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TBCK Protein expressed in mammalian cells.
Sequence:	MFPLKDAEMG AFTFFASALP HDVCGSNGLP LTPNSIKILG RFQILKTITH PRLCQYVDIS RGKHERLVVV AEHCERSLED LLRERKPVSC STVLCIAFEV LQGLQYMNKH GIVHRALSPH NILLDRKGHI KLAKFGLYHM TAHGDDVDFP IGYPYLAPE VIAQGIFKTT DHMPSKKPLP SGPKSDVWSL GIILFELCVG RKLFSQLDIS ERLKLLTLD CVDDTLIVLA EEHGCLDIK ELPETVIDLL NKCLTFHPSK RPTPDQLMKD KVFSEVSPLY TPFTKPASLF SSSLRCADLT LPEDISQLCK DINNDYLAER SIEEVYYLWC LAGGDLEKEL VNKEIIRSKP PICTLPNLF EDGESFGQGR DRSSLLDDTT VTLSLCQLRN RLKDVGG EAF YLLEDDQSN LPHSNSNNEL SAAATLPLII REKDTEYQLN RIILFDRLLK AYPYKKNQIW KEARVDIPPL MRGLTWAALL GVEGAIHAKY DAIDKDTPIP TDRQIEVDIP RCHQYDELLS SPEGHAKFRR VLKAWVWSHP DLVYWQGLDS LCAPFLYLNF NNEALAYACM SAFIPKYLYN FFLKDNHVI QEYLVFVSQM IAFHDPELSN HLNEIGFIPD LYAIPWFLTM FTHVFPLHKI FHLWDTLLLG NSSFPFCIGV AILQQLRDRL LANGFNECIL LFSDLPEIDI ERVRESINL FCWTPKSATY RQHAQPPKPS SDSSGGRSSA

Product Details

PYFSAECPDP PKTDLSRESI PLNDLKSEVS PRISAEDLID LCELTVTGHF KTPSKKTKSS
KPKLLVVDIR NSEDFIRGHI SGSINIPFSA AFTAEGELTQ GPYTAMLQNF KGKVIVIVGH
VAKHTAEFAA HLVKMKYPRI CILDGGINKI KPTGLLTIPS PQI **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: TBCK

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

Background: TBC domain-containing protein kinase-like protein,FUNCTION: Involved in the modulation of mTOR signaling and expression of mTOR complex components (PubMed:27040691, PubMed:23977024). Involved in the regulation of cell proliferation and growth (PubMed:23977024, PubMed:24576458). Involved in the control of actin-cytoskeleton organization (PubMed:23977024). {ECO:0000269|PubMed:23977024,

Target Details

ECO:0000269|PubMed:24576458, ECO:0000269|PubMed:27040691}.

Molecular Weight: 100.7 kDa

UniProt: [Q8TEA7](#)

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
