

Datasheet for ABIN7544393
TCF25 Protein (AA 1-676) (His tag)



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Overview

Quantity:	1 mg
Target:	TCF25
Protein Characteristics:	AA 1-676
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TCF25 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinant TCF25 Protein expressed in mammalian cells.
Sequence:	MSRRALRRRLR GEQRGQEPLG PGALHFDLRD DDDAEEEGPK RELGVRRPGG AGKEGVRVNN RFELINIDDL EDDPVVNGER SGCALTDAVA PGNKGRGQRG NTESKTDGDD TETVPSEQSH ASGKLRKKKK KQKNKKSSTG EASENGLEDI DRILERIEDS TGLNRPGPAP LSSRKHVLYV EHRHLNPDTE LKRYFGARAI LGEQRPRQRQ RVYPKCTWLT TPKSTWPRYS KPGLSMRLLLE SKKGLSFFAF EHSEYQQAQ HKFLVAVESM EPNNIVLLQ TSPYHVDSLL QLSDACRFQE DQEMARDLVE RALYSMECAF HPLFSLTSGA CRLDYRRPEN RSFYALALYKQ MSFLEKRGCP RTALEYCKLI LSLEPDEDPL CMLLLIDHLA LRARNYEYLI RLFQEWEAHR NLSQLPNFAF SVPLAYFLLS QQTDLPECEQ SSARQKASLL IQQALTMFPG VLLPLLESCS VRPDASVSSH RFFGPNAEIS QPPALSQLVN LYLGRSHFLW KEPATMSWLE ENVHEVLQAV DAGDPAVEAC ENRRKVLYQR APRNIHRHVI LSEIKEAVAA LPPDVTTQSV MGFDP LPPSD TIYSYVRPER LSPISHGNTI ALFFRSLLPN YTMERGERPEE GVAGGLNRNQ GLNRLMLAVR DMMANFHLND

LEAPHEDDAE GEGEWD **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

TCF25

Alternative Name:

TCF25 ([TCF25 Products](#))

Background:

Ribosome quality control complex subunit TCF25 (Nuclear localized protein 1) (Transcription factor 25) (TCF-25),FUNCTION: Component of the ribosome quality control complex (RQC), a ribosome-associated complex that mediates ubiquitination and extraction of incompletely synthesized nascent chains for proteasomal degradation (PubMed:30244831). In the RQC complex, required to promote formation of 'Lys-48'-linked polyubiquitin chains during ubiquitination of incompletely synthesized proteins by LTN1 (PubMed:30244831). Also acts as a transcriptional repressor: represses transcription of SRF in vitro and so may play a role in heart development (PubMed:16574069). May play a role in cell death control (By similarity). {ECO:0000250|UniProtKB:Q8R3L2, ECO:0000269|PubMed:16574069, ECO:0000269|PubMed:30244831}.

Target Details

Molecular Weight: 76.7 kDa

UniProt: [Q9BQ70](#)

Application Details

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.

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