

Datasheet for ABIN7562201
TCOF1 Protein (AA 1-1320) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TCOF1
Protein Characteristics:	AA 1-1320
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TCOF1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Tcof1 Protein expressed in mammalian cells.
Sequence:	MAEARKRREL LPLIYHLLQ AGYVRAAREV KEQSGQKSFL TQPVTLLDIY THWQQTSELG QKQKAEDDET LQAKKSRVSD PVSSSESSDQ EKEEEAATER AKATPRPTPV NSATAALPSK VKEKGKTKTA NKTVNSVSHV GSGKTVVHLL SGKSPKSAE PLANTVLASE TEEEGNAQAL GPTAKSGTVS AGQGSSSESD SSISSEDTDV EVKSPAKPAQ AKASAAPAKD PPARTAPGPT KLGNAVPTPA KPARAAAAAA AAVAAAAAA AAEESESSEE DSDSEDEAPA GLPSQVKASG KGPVHRADSV SAKGISGKGP ILATPGKTGP AATQAKAERP EKDSETSSD DSDSEDEMPV TVNTPQARTS GKSPRARGTS APAKESQKG APAVTPGKAR PVAAQAGKPE AKSSEESD SGETPAAATL TTSPAKVKPL GKSSQVRPVS TVTPGSSGKG ANLPCPGKVG SAALRVQMVK KEDVSESSA ELSDGPGSP AKAKASLALP QKVRPVATQV KTRDGRKGHSG SSESSDSEE EAAPAASAAQ AKPALEKQMK ASSRKGPAS ATGASTSSHC KAGAVTSSAS LSSPALAKGT QRSDVDSSSE SESEGAAPST PRVQKSGGK GLQGKAALGQ GVAPVHTQKT GPSVKAMAQE

Product Details

DSESLEEDSS SEEEDETPAQ ATPLGRLPQA KANPPPTKTP PASASGKAVA APTKKGKPPVP
NSTVSARGQR SVPAAGKAGA PATQAQKGPV AGTGEDSESS SKEESDSEEE TPAQIKPVGK
TSQVRAASAP AKESPCKGAH PGTPGKTGSS ATQAQPGKTE DSDSSSEESD SDTEMPSAQA
IKSPPVSVNR NSSPAVPAPT PEGVQAVNTT KKASGTTAQS SSESSEEDGDE DLIPATQPST
YALRTSVTTP AALSRAASQP SKSEQSSRMP KGKKAKAAAS AQTSSAVETL PMMPPQSAPI
QPKATNKLK SKLPEKQQLA PGYPKAPRSS EDSSDTSSSED EEDAKRPQMP KSAHRLDPDP
SQKETVVEET PTESEDEMVA APSQSLLSGY MTPGLTVANS QASKATPRPD SNSLASSAPA
TKDNPDGKQK SKSQHAADTA LPKTGRKEAS SGSTPQKPKK LKKSTSSSPA PTQTLPNISIT
QRLLEQAWPL SEAQVQASVV KVLTELLEQE RLKATEAIKE SGKKSQKRKL SGDLEAGAPK
NKKKKEQPVP RASAVSPEKA PMTSKAKSKL DKGSAGGK GK GSPGPQGAKE KPDGELLGIK
LESGEQSDPK SKSKKKKSLK KKKDKEKKEK KKGKSLAKD SASPIQKKKK KKKKSAEPAV

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:

TCOF1

Target Details

Alternative Name: Tcof1 ([TCOF1 Products](#))

Background: Treacle protein (Treacher Collins syndrome protein homolog),FUNCTION: Nucleolar protein that acts as a regulator of RNA polymerase I by connecting RNA polymerase I with enzymes responsible for ribosomal processing and modification. Required for neural crest specification: following monoubiquitination by the BCR(KBTBD8) complex, associates with NOLC1 and acts as a platform to connect RNA polymerase I with enzymes responsible for ribosomal processing and modification, leading to remodel the translational program of differentiating cells in favor of neural crest specification. {ECO:0000250|UniProtKB:Q13428}.

Molecular Weight: 135.0 kDa

UniProt: [008784](#)

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
