

Datasheet for ABIN7549714

TH1-Like Protein (TH1L) (AA 1-590) (His tag)



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Overview

Quantity:	1 mg
Target:	TH1-Like (TH1L)
Protein Characteristics:	AA 1-590
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TH1-Like protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat NELFCD Protein expressed in mammalian cells.
Sequence:	<p>MAGAVPGAIM DEDYYGSAE WGDEADGGQQ EDDSGEGEDD AEVQQECLHK FSTRDYIMEP</p> <p>SIFNTLKRYF QAGGSPENVI QLLSENYTAV AQTVNLLAEW LIQTGVEPVQ VQETVENHLK</p> <p>SLLIKHFDPR KADSIFTEEG ETPAWLEQMI AHTTWRDLFY KLAEHPDCL MLNFTVKLIS</p> <p>DAGYQGEITS VSTACQQLEV FSRVLRTSLA TILDGGEENL EKNLPEFAKM VCHGEHTYLF</p> <p>AQAMMSVLAQ EEQGGSARR IAQEVQRFAQ EKGHDASQIT LALGTAASYP RACQALGAML</p> <p>SKGALNPADI TVLFKMFTSM DPPPVELIRV PAFLDLFMQS LFKPGARINQ DHKHKYIHIL</p> <p>AYAASVVETW KKNKRVSINK DELKSTSKAV ETVHNLCCNE NKGASELVAE LSTLYQCIRF</p> <p>PVVAMGVLKW VDWTVSEPRY FQLQTDHTPV HLALLDEIST CHQLLHPQVL QLLVKLFETE</p> <p>HSQLDVMEQL ELKKTLLDRM VHLLSRGYVL PVVSYIRKCL EKLDTDISLI RYFVTEVLVDV</p> <p>IAPPYTSDV FQLFLILEND SIAGTIKTEG EHDPVTEFIA HCKSNFIMVN Sequence without tag.</p> <p>The proposed Purification-Tag is based on experiences with the expression system, a</p>

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:

TH1-Like (TH1L)

Alternative Name:

NELFCD ([TH1L Products](#))

Background:

Negative elongation factor C/D (NELF-C/D) (TH1-like protein),FUNCTION: Essential component of the NELF complex, a complex that negatively regulates the elongation of transcription by RNA polymerase II (PubMed:12612062). The NELF complex, which acts via an association with the DSIF complex and causes transcriptional pausing, is counteracted by the P-TEFb kinase complex (PubMed:10199401). {ECO:0000269|PubMed:10199401, ECO:0000269|PubMed:12612062}., FUNCTION: (Microbial infection) The NELF complex is involved in HIV-1 latency possibly involving recruitment of PCF11 to paused RNA polymerase II. {ECO:0000269|PubMed:23884411}.

Molecular Weight:

66.2 kDa

UniProt:

[Q8IXH7](#)

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.
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Restrictions:	For Research Use only
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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