

Datasheet for ABIN7546243

SLN13 Protein (AA 1-897) (His tag)



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Overview

Quantity:	1 mg
Target:	SLN13 (SLFN13)
Protein Characteristics:	AA 1-897
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLN13 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SLFN13 Protein expressed in mammalian cells.
Sequence:	<p>MEANHCSLGV YPSYDPLVID VGEVTLGEEN RKKLQKTQRD QERARVIRAA CALLNSGGGV</p> <p>IQMEMANRDE RPTMGLDLE ESLRKLIQYP YLQAFFETKQ HGRCFYIFVK SWSGDPFLKD</p> <p>GSFNSRICSL SSSLYCRSGT SVLHMNSRQA FDFLKTKERQ SKYNLINEGS PPSKIMKAVY</p> <p>QNISESNPAY EVFQTDITIEY GEILSFPEP SIEFKQFSTK HIQQYVENII PEYISAFANT EGGYLFIVGD</p> <p>DKSRKVLGCA KEQVDPDSLK NVIARAISKL PIVHFCSSKP RVEYSTKIVE VFCGKELYGY</p> <p>LCVIKVKAFK CVVFSEAPKS WMVREKYIRP LTTEEWVEKM MDADPEFPPD FAEAFESQLS</p> <p>LSDSPSLCRP VYSKKGLEHK ADLQQHLFPV PPGHLECTPE SLWKELSLQH EGLKELIHKQ</p> <p>MRPFSQGIVI LSRSWAVDLN LQEKPGVICD ALLIAQNSTP ILYTILREQD AEGQDYCTRT</p> <p>AFTLKQQLVN MGGYTGVKCV RAKVLCLSPE SSAEAEAAV SPMDYPASYS LAGTQHMEL</p> <p>LQSLVIVLLG FRSLSDQLG CEVLNLLTAQ QYEIFSRSLR KNRELFVHGL PGSGKTIMAM</p> <p>KIMEKIRNVF HCEAHRILYV CENQPLRNFI SDRNICRAET RETFLREKFE HIQHIVIDEA</p> <p>QNFRTEGDGW YRKAKTITQR EKDCPGVLWI FLDYFQTSHL GHSGPLPLSA QYPREELTRV</p>

VRNADEIAEY IQQEMQLIIE NPPINIPHGY LAILSEAKWV PGVPGNTKII KNFTLEQIVT
YVADTCRCFF ERGYSPKDVA VLVSTVTEVE QYQSKLLKAM RKKMVVQLSD ACDMLGVHIV
LDSVRRFSG LERSIVFGIHP RTADPAILPN ILICLASRAK QHLYIFL **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: SLN13 (SLFN13)

Alternative Name: SLFN13 ([SLFN13 Products](#))

Background: Schlafen family member 13 (EC 3.1.-.-) (Schlafen-13) (hSLFN13),FUNCTION: Endoribonuclease that cleaves tRNAs and rRNAs (PubMed:29563550). Cleaves tRNAs 11 nucleotides from the 3'-terminus at the acceptor stem (PubMed:29563550). Does not act on tRNA(Sec) (PubMed:29563550). Able to restrict HIV-1 virus replication, ability to inhibit HIV-1 replication is dependent on endoribonuclease activity (PubMed:29563550).

Target Details

	{ECO:0000269 PubMed:29563550}.
Molecular Weight:	102.0 kDa
UniProt:	Q68D06

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