

Datasheet for ABIN7550028

NSUN7 Protein (AA 1-718) (His tag)



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Overview

Quantity:	1 mg
Target:	NSUN7
Protein Characteristics:	AA 1-718
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NSUN7 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat NSUN7 Protein expressed in mammalian cells.
Sequence:	<p>MLNSTGELEF SNEEDPEIIS QLTSPLSGG KSSAGVPEKT GYPDSVYVMA ANIFQGIRIE</p> <p>KSAQKVLIKY GNEPLRSLSE SEDQSFQRLS YELAFSALKY QDILETILID SCIFPSTTIP DHLSSLIIVM</p> <p>LYDFQDRKFQ TRVLSDNEEP ISEVQEVENL LNSFKIKLAA ALARCRIKHD ALSIYHILPE</p> <p>TVRKQELRAS TLPLYAWINT CKISPEEVYN NLKRRGYNKV KSVLHIDDKV FAVDQHCYDV</p> <p>LIFPSHLKND LINIDLFKDY KLIFQDKSRS LAVHSVKALL NMDDDLVMVN TGSWYTVSHM</p> <p>SILTNNNTSK VFVCGVQSQ KDPDLKTLFT KIGCKNIEIL HEKFINIESK DHRLQKVKVI</p> <p>LLLPRCSGLG VSNPVEFILN EHEDTEFLKD HSQGGISVDK LHVLAQQQYE QLTHAMKFTK</p> <p>AQAVVYCTCS VFPEENEAVV KKALEFQDLG NKGQPYRLSP PVLPLCSLKE IQLSTDKFFR</p> <p>MEPSEITNGC FLSILTRERD PSETVSVNDV LARAAAGLL DGIELGKSSK REKKKKKSKT</p> <p>SLTKGATTDN GIQMKIAEFL NRETKASANL SETVTKPPLP QKNTAQVGAS SQTRKPNKLA</p> <p>PHPAVPAFVK NTCPSRPRER QTHFLRPRPE DRMVALKPIK IVLPPVFMPF SSPQGIRSRM</p>

Product Details

PTQHLYCRWV APKALVPTCL PTHSLSRKEE KPKDDTPSSL LRPPRRWL **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:

NSUN7

Alternative Name:

NSUN7 ([NSUN7 Products](#))

Background:

Putative methyltransferase NSUN7 (EC 2.1.1.-) (NOL1/NOP2/Sun domain family member 7),FUNCTION: May have S-adenosyl-L-methionine-dependent methyl-transferase activity. {ECO:0000305}.

Molecular Weight:

81.0 kDa

UniProt:

[Q8NE18](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

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