

Datasheet for ABIN7556977

NSUN7 Protein (AA 1-724) (His tag)



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Overview

Quantity:	1 mg
Target:	NSUN7
Protein Characteristics:	AA 1-724
Origin:	Mouse
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>MLDPTSERDL FDQENMEEIS QLASLEMSGD VVANTNSTVV LEKPSYPDSV YVTAANIFQG</p> <p>IRIQRSPDKV IINYGSEPLQ PSSSRSEDES FQRLSYELAF STLYKYQDILE SILIDSYIFS STTIASQLNS</p> <p>LIIVMLYDFQ DRKFQPRILS ENEETIPEVQ EVENLLNGFK TKLAAALARC RIKHDALSIY</p> <p>HILPETVRKQ EQRASTLPLY AWINTSKISL EEVYNNLRRK GYSKVKSITS VNEKVYAVDQ</p> <p>HCFNVLIFPA HLKTDLLNID LIKDYKLIFQ DKSRSLAVHS VKALINIDDD VLMVNTGSWY</p> <p>TVAHMSILTS GHTSKIFVCG IQQEEKDFNA RKLFTRMGCQ NIEILHETFL SIESKDHRLQ</p> <p>NVKVILLPR CSSLGVSNPV EFILNEHEDK SLLQDLSQGG LPKDKLETLV QQQFEQLTHA</p> <p>MKFTKVQAIV YCTCSVSKEE NEDVVEKALE YQSSGVKMQP YRLSPPVLPL CTLKEIELSM</p> <p>DRFFRLEPSD MNNGCFLSIL TRERDPSETV SVKDVLRARAA AKGLLEGVEV GKTLLKRDKKR</p> <p>KKSKALPSRA PHHGDPLRDH LAVDGNDSN VQMKISELLH RESKISTSTK MSAPAKTVSQ</p> <p>AGTSSQVRKP SKPLSTPLVR NFSRPVERPT NFVRARPEGK VIPLKPIEV LPPVIFPLSS</p>

QGPRVQMPAT HFYYRFIGSK VGVPRYLTSS TSRRKEKVKE STTSSHVRHP RPWL **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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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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:	82.0 kDa
UniProt:	Q14AW5

Application Details

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