

Datasheet for ABIN7554759

Nucleolar Protein 6 Protein (NOL6) (AA 1-1146) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Nucleolar Protein 6 (NOL6)
Protein Characteristics:	AA 1-1146
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Nucleolar Protein 6 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat NOL6 Protein expressed in mammalien cells.
Sequence:	MGPAPAGEQL RGATGEPEVM EPALEGTGKE GKKASSRKRT LAEPPAKGLL QPVKLSRAEL YKEPTNEELN RLRETEILFH SLLRLQVEE LLKEVRLSEK KKDRIDAFRL EVNQRVVRVP SVPETELTDQ AWLPAGVRVP LHQVPYAVKG CFRFLPPAQV TVVGSYLLGT CIRPDINVDV ALTMPREILQ DKDGLNQRYF RKRALYLAHL AHHLAQDPLF GSVCFSTYNG CHLKPSLLLR PRGKDERLVT VRLHPCPPPD FFRPCRLPT KNNVRSAWYR GQSPAGDGSP EPPTPRYNTW VLQDTVLESH LQLLSTILSS AQGLKDGVAL LKVVLRQREL DKGQGGFTGF LVSMMLVFLV STRKIHTTMS GYQVLRSLVQ FLATTDLTVN GISLCLSSDP SLPALADFHQ AFSVVFLDSS GHLNLCADVT ASTYHQVQHE ARLSMMLLDS RADDGFHLLL MTPKPMIRAF DHVLHLRPLS RLQAACHRLK LWPELQDNGG DYVSAALGPL TTLLEQGLGA RLNLLAHSRP PVPEWDISQD PPKHKDSGTL TLGLLL RPEG LTSVLELGPE ADQPEAAKFR QFWGSRSEL R FQDGAIREA VWWEAASMSQ KRLIPHQVVT HLLALHADIP ETCVHYVGGP LDALIQGLKE TSSTGEEALV

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AAVRCYDDLRLLLWGLEGLP LTVSAVQGAH PVLRYTEVFP PTPVRPAFSF YETLRERSSL
LPRLDKPCPA YVEPMTVVCH LEGSGQWPQD AEAQVRVRAA FQLRLAELLT QHGLQCRAT
ATHTDVLKDG FVFRIRVAYQ REPQILKEVQ SPEGMISLRD TAASRLERD TRQLPLLTSA
LHGLQQQHPA FSGVARLAKR WVRAQLLGEG FADESLLDLVA AALFLHPEPF TPPSSPQVGF
LRFLFLVSTF DWKNNPLFVN LNNELTVEEQ VEIRSGFLAA RAQLPVMVIV TPQDRKNSVW
TQDGPQAQIL QQLVVLAAEA LPMLEKQLMD PRGPGDIRTV FRPPLDIYDV LIRLSPRHIP
RHRQAVDSPA ASFCRGLLSQ PGPSSLMPVL GYDPPQLYLT QLREAFGLA LFFYDQHGGG
VIGVLWKPTS FQPQPFKASS TKGRMVMSRG GELVMVPNVE AILEDFAVLG EGLVQTVEAR
SERWTV **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:

Nucleolar Protein 6 (NOL6)

Alternative Name:

NOL6 ([NOL6 Products](#))

Background:

Nucleolar protein 6 (Nucleolar RNA-associated protein) (Nrap),FUNCTION: Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the

Target Details

assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome. {ECO:0000269|PubMed:11895476, ECO:0000269|PubMed:34516797}.

Molecular Weight: 127.6 kDa

UniProt: [Q9H6R4](#)

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