

Datasheet for ABIN7564719

Nucleolar Protein 6 Protein (NOL6) (AA 1-1152) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Nucleolar Protein 6 (NOL6)
Protein Characteristics:	AA 1-1152
Origin:	Mouse
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:	MPSAGERPAV KMGPPAPAGEQ HRRATEDPEV MELAFEGMDK EKAPSRKRAR TEPPAEGLLQ PVNLSREELY KEPTNEELNR LRETEILFHS TLLRLQVEEL LKEVRLSEKK KERIDNFLKE VTKRIQKVPP VPEAELTDQS WLPAGVRVPL HQVPYAVKGS FRFRPPSQIT VVGSYLLDTC MRPDINVDVA VTMPREILQD KDGLNQRVFR KRALYLAHLA YHLAQDPLFS SVRFSYMSGC HLKPSLLLLRP HGKDERLTV RLLPCPLDF FRPCRLPTK NNVRSAWYRG QSCPDYEPPT PHYNTWILQD VALETHMHLL ASVLGSAQGL KDGVALLKVV LRQRELDKGL GGFNGFIISM LVAFLVSKRK IHTTMSGYQV LRSVLQFLAT TDLTINGISF SLSSDPSLPT LAEFHQFLAV VFVDPSGRLN LCADVTASTY NQVQYEAELS MALLDSKADD GFQLLLMTPK PMIQAFDHW HLHPLSRLQA SCHQLKLWPE LQDNGGDYVS AALGPLTNIL VQGLGCRHLH LAHSRPPVPE WSINQDPPKH KDAGTLTLGF LFRPEGLTSV IDLGPEADKP EAADFRQFWG TRSELRRFQD GAIREAVVWE AESLFEKRLI PHQVVTHLLA LHADIPDTCI QYVGGFLDAL IQNPKEISST

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GEEALALAVR CYDDLRSLLW GLEGLPLTVS AVQGAHPVLR YTEVFPPAPV RPAYSFYNRL
QELASLLPRP DKPCPAYVEP MTVVCHLEGS GQWPQDAEAV QRVRAAFQLR LAEVL TQEHR
LQCCATATHT DVLKDG FVFR IRVAYQREPQ ILKEVRSPEG MVSLRDTPAS LRLERDTKLL
PLLTSALHGL QQQYPAYSGV ARLAKRWWRA QLLGEGFTDE SLDLLAASLF LHPEPFTPPS
VPQVGFLRFL YLVSTFDWKN NPLIVNLNGE LTAEQV GIR SSFLAARTQL PVMVIITPQD
RRSSVWTQDG PSAQILQQLV SLAAEALPIL EKQLMDPRGP GDIRTVFRPP FDMYDVLHL
TPRHIPRHRQ AVDPPVASFC RGLLAEPGPS SLMPVLGYDP PQLYLAQLRE AFEDLALFFY
DQHGGEVIGV LWKPSSFQPQ PFKASSIKGR MVVSQGGELV MLPNIEAILE DFAVLGEGLV
QAVEARSERW TV **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:0000250|UniProtKB:Q9H6R4}.

Molecular Weight: 129.2 kDa

UniProt: [Q8R5K4](#)

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