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Datasheet for ABIN7554746
NOL8 Protein (AA 1-1167) (His tag)

Overview

Quantity:	1 mg
Target:	NOL8
Protein Characteristics:	AA 1-1167
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NOL8 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NOL8 Protein expressed in mammalian cells.
Sequence:	MKVNRETKRL YVGGLSQDIS EADLQNFQFSR FGEVSDVEII TRKDDQGNPQ KVFAYINISV AEADLKKCMS VLNKTKWKGG TLQIQLAKES FLHRLAQERE AAKAKKEEST TGNANLLEKT GGVDFHMKAV PGTEVPGHKN WVSKFGRVL PVLHLKNQHK RKIIKYDPSK YCHNLKKIGE DFSNTIPISS LTWELEGGND PMSKKRRGEF SDFHGPPKKI IKVQKDESST GSLAMSTRPR RVIERPPLTQ QQAAQKRTCD SITPSKSSPV PVSQTQKLKN LPFKTSGLET AKKRNSISDD DTDSEDELRM MIAKEENLQR TTQPSINESE SDPFEVVRDD FKSGVHKLHS LIGLGIKNRV SCHDSDDDIM RNDREYDSGD TDEIIMKKN VAKVKNSTEF SQMEKSTKKT SFKNRENCEL SDHCIKLQKR KSNVESALSH GLKSLNRKSP SHSSSEDED SASELADSEG GEEYNAMMKN CLRVNLTAD LEQLAGSDLK VPNETKSDG PETTTQCKFD RGSKSPKTPT GLRRGRQCIR PAEIVASLLE GEENTCGKQK PKENNLKPKF QAFKGVGCLY EKESMKKSLK DSVASNNKDQ NSMKHEDPSI ISMEDGSPYV NGSLGEVTPC QHAKKANGPN YIQPQKRQTT FESQDRKAWS PSSSEKRSKN PISRPLEGKK SLSLSAKTHN IGFDKDSCHS TTKTEASQEE RSDSSGLTSL

Product Details

KKSPKVSSKD TREIKTDFSL SISNSSDVSA KDKHAEDNEK RLALEARQK AKEVQKLVH
NALANLDGHP EDKPTHIFG SDSECETEET STQEQSHPG EWKESMGKT SGKLFDSDD
DESDSEDDSN RFKIKPFEG RAGQKLM DLQ SHFGTDDRFR MDSRLETDS EEEQEEVNEK
KTAEELAE EKKKALNVVQ SVLQINLSNS TNRGSVAAK FKDIHYDPT KQDHATYERK
RDDKPKESKA KRKKKREEAE KLPEVSKEMY YNIAMDLEI FQTTKYTSEK EEGTPWNEDC
GKEKPEEQD PAALTSDAEQ PSGFTFSFFD SDTKDIKEET YRVETVKPGK IVWQEDPRLQ
DSSSEEDVT EETDHRNSSP GEASLLEKET TRFFFFSKND ERLQGSDFW RGVGSNMSRN
SWEARTTNR MDCRKKHKDA KRKMCPK **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: NOL8

Alternative Name: NOL8 ([NOL8 Products](#))

Target Details

Background: Nucleolar protein 8 (Nucleolar protein Nop132),FUNCTION: Plays an essential role in the survival of diffuse-type gastric cancer cells. Acts as a nucleolar anchoring protein for DDX47. May be involved in regulation of gene expression at the post-transcriptional level or in ribosome biogenesis in cancer cells. {ECO:0000269|PubMed:14660641, ECO:0000269|PubMed:15132771, ECO:0000269|PubMed:16963496}.

Molecular Weight: 131.6 kDa

UniProt: [Q76FK4](#)

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