

Datasheet for ABIN7554803
NVL Protein (AA 1-856) (His tag)



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Overview

Quantity:	1 mg
Target:	NVL
Protein Characteristics:	AA 1-856
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NVL protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NVL Protein expressed in mammalian cells.
Sequence:	MKPRPAGFVD NKLKQRVIQY LTSNKGKYY DIGVLASDLQ RVYSIDYGRR KRNAFRIQVE KVFSIISSEK ELKNLTELED EHLAKRARQG EEDNEYTESY SDDDSSMEDY PDPQSANHMN SSLLSLYRKG NPDSVSNTPE MEQRETTST PRISSTGSI PLKTPAKDSE GGWFIDKTPS VKKDSFFLDL SCEKSNPKKP ITEIQDSKDS SLLESDMKRK GKLKNKGSKR KKEDLQEVGD EIEAVLQKKA KARGLEFQIS NVKFEDVGGN DMTLKEVCKM LIHMRHPEVY HHLGVVPPRG VLLHGPPGCG KTLAIAHAIAG ELDLPILKVA APEIVSGVSG ESEQKLRELF EQAVSNAPCI IFIDEIDAIT PKREVASKDM ERRIVAQLLT CMDDLNNVAA TARVLVIGAT NRPDSLDPAL RRAGRFDREI CLGIPDEASR ERILQTLCKR LRLPQAFDFC HLAHLTPGFV GADLMALCRE AAMCAVNRVL MKLQEQQKKN PEMEDLPSKG VQEERLGTEP TSETQDELQR LLGLLRDQDP LSEEQMQGLC IELNDFIVAL SSVQPSAKRE GFVTVPNVTW ADIGALEDIR EELTMAILAP VRNPDQFKAL GLVTPAGVLL AGPPGCGKTL LAKAVANESG LNFISVKGPE LLNMYVGESE RAVRQVFQRA KNSAPCVIFF DEVDALCPRR SDRETGASVR VVNQLLTEM D GLEARQQVFI MAATNRPDII

Product Details

DPAILRPGRL DKTLFVGLPP PADRLAILKT ITKNGTKPPL DADVNLEAIA GDLRCDCTG
ADLSALVREA SICALRQEMA RQKSGNEKGE LKVSHKHFE AFKKVRSSIS KKDQIMYERL QESLSR

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: NVL

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

Background: Nuclear valosin-containing protein-like (NVLp) (Nuclear VCP-like protein),FUNCTION: Participates in the assembly of the telomerase holoenzyme and effecting of telomerase activity via its interaction with TERT (PubMed:22226966). Involved in both early and late stages of the pre-rRNA processing pathways (PubMed:26166824). Spatiotemporally regulates 60S ribosomal subunit biogenesis in the nucleolus (PubMed:15469983, PubMed:16782053, PubMed:29107693, PubMed:26456651). Catalyzes the release of specific assembly factors,

Target Details

such as WDR74, from pre-60S ribosomal particles through the ATPase activity (PubMed:29107693, PubMed:26456651, PubMed:28416111).
{ECO:0000269|PubMed:15469983, ECO:0000269|PubMed:16782053, ECO:0000269|PubMed:22226966, ECO:0000269|PubMed:26166824, ECO:0000269|PubMed:26456651, ECO:0000269|PubMed:28416111, ECO:0000269|PubMed:29107693}.

Molecular Weight: 95.1 kDa

UniProt: [O15381](#)

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