

Recombinant Human NVL, His-tagged

Cat. No. NVL-30495TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 431-734 of Human NVL with an N terminal His tag. Predicted mwt: 34 kDa;
Species	Human
Source	E.coli
ProteinLength	431-734 a.a.
Description	This gene encodes a member of the AAA (ATPases associated with diverse cellular activities) superfamily. Multiple transcript variants encoding different isoforms have been found for this gene. Two encoded proteins, described as major and minor isoforms, have been localized to distinct regions of the nucleus. The largest encoded protein (major isoform) has been localized to the nucleolus and shown to participate in ribosome biosynthesis (PMID: 15469983, 16782053), while the minor isoform has been localized to the nucleoplasm.
Conjugation	HIS
Tissue specificity	Widely expressed. Highest level of expression in heart, placenta, skeletal muscle, pancreas and retina.
Form	Lyophilised:Reconstitute with 60 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium

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phosphate, 10mM Sodium chloride, pH 4.5

Storage

Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

Sequences of amino acids

DQDPLSEEQMQGLCIELNDFIVALSSVQPSAKREGFVTVP NVTWADIGALEDIREEL
 TMAILAPVRNPDQFKALGLVT PAGVLLAGPPGCGKTLAKAVANESGLNFISVKGPE
 LLNMYVGESERAVRQVFQRAKNSAPCVIFFDEVDALCPRRS RETGASVRVQNQLL
 TEMDGLEARQQVFIMAATNRPDII DPAILRPGRLDKTLFVGLPPPADRLAILKTITKNG
 TKPPL DADVNLAIAGDLRCDCTGADLSALVREASICALRQE MARQKSGNEKGEL
 KVSHKHFEFAFKKVRSSIS

Sequence Similarities

Belongs to the AAA ATPase family.

GENE INFORMATION

Gene Name

[NVL nuclear VCP-like \[Homo sapiens \]](#)

Official Symbol

[NVL](#)

Synonyms

NVL; nuclear VCP-like; nuclear valosin-containing protein-like; Nuclear valosin containing protein like; nuclear VCP like protein;

Gene ID

[4931](#)

mRNA Refseq

[NM_001243146](#)

Protein Refseq

[NP_001230075](#)

MIM

[602426](#)

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Uniprot ID	O15381
Chromosome Location	1q41-q42.2
Pathway	Ribosome biogenesis in eukaryotes, organism-specific biosystem; Ribosome biogenesis in eukaryotes, conserved biosystem;
Function	ATP binding; nucleoside-triphosphatase activity; nucleotide binding;

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