

Recombinant Human NVL Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NVL-5695H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NVL MS Standard C13 and N15-labeled recombinant protein (NP_996671) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	82.6 kDa
AA Sequence	MEDYPDPQSANHNMNSSLLSLYRKGNPDSVSNTPEMEQRETTSSSTPRISSKTGSIPL KTPAKDSEGGWFIDKTPSVKKDSFFLDLSCEKSNPKKPITEIQDSKDSSLLESMDKR KGKLKNKGSKRKKEDLQEVDGEIEAVLQKKAKARGLEFQISNVKFEDVGGNDMTLK EVCKMLIHMRHPEVYHHLGVVPPRGVLLHGPPGCGKTLLAHAIAGELDLPILKVAAP EIVSGVSGESEQKLRELFEQAVSNAPCIIFIDEIDAITPKREVASKDMERRIVAQLLTC MDDLNNVAATARVLVIGATNRPDSLDPALRRAGRFDREICLGIPDEASRERILQTLCR

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KLRLPQAFDFCHLAHLTPGFVGADLMALCREAAMCAVNRVLMKLQEQQKKNPEME
DLPSKGVQEERLGTPTSETQDELQRLLGLLRDQDPLSEEQMQGLCIELNDFIVALS
SVQPSAKREGFVTVPNVTWADIGALEDI REELTMAILAPVRNPDQFKALGLVTPAGV
LLAGPPGCGKTLAKAVANESGLNFISVKGPPELLNMYVGESERAVRQVFQRAKNSA
PCVIFFDEVDALCPRRS DRETGASVRVVNQLLTEM DGLEARQQVFIMAATNRPDIID
PAILRPGRLDKTLFVGLPPPADRLAILKTITKNGTKPPLDADV NLEAIAGDLRCDCYTG
ADLSALVREASICALRQEMARQKSGNEKGELKVSHKHFEFAFKKVRSSISKKDQIMY
ERLQESLSRTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	NVL nuclear VCP-like [Homo sapiens (human)]
Official Symbol	NVL
Synonyms	NVL; nuclear VCP-like; nuclear valosin-containing protein-like; Nuclear valosin containing protein like; nuclear VCP like protein; NVLp;
Gene ID	4931

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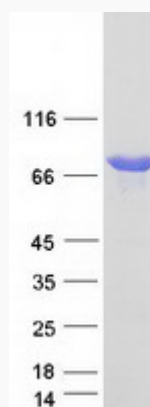
mRNA Refseq [NM_206840](#)

Protein Refseq [NP_996671](#)

MIM [602426](#)

UniProt ID [O15381](#)

SDS-PAGE



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