

## Product datasheet for TP315387M

### NVL (NM\_002533) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human nuclear VCP-like (NVL), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215387 representing NM_002533 Red=Cloning site Green=Tags(s)

MKPRPAGFVDNKLKQRVIQYLTSNCKGKYVDIGVLASDLQRVYSIDYGRRKRNAFRIQVEKVFSIISSEK  
ELKNLTELEDEHLAKRARQGEEDNEYTESYSDDDSSMEDYDPDPQSANHMNSSLLSLYRKGNPDSVSNTPE  
MEQRETTSSSTPRISSKTGSIPLKTPAKDSEGGWFIDKTPSVKKDSFFLDLSCEKSNPKKPIEIQDSKDS  
SLESMDMRKRGKLNKKGSKRKKEDLQEVDGEIEAVLQKKAKARGLEFQISNVKFEDVGGNDMTLKEVCKM  
LIHMRHPEVYHHLGVPPRGVLLHGPPGCGKTLAHAIAGELDLPILKVAAPEIVSGVSGESEQKLRELF  
EQAVSNAPCIIFIDEIDAITPKREVASKDMERRIVAQLLTCMDDLNNVAATARVLVIGATNRPDSLDPAL  
RRAGRFDRICLIGIPDEASRERILQTLCRKLRLPQAFDFCHLAHLTPGFVGADLMALCREAAMCAVNRVL  
MKLQEQQKNPEMEDLPKGVQEERLGTEPTSETQDELQRLGLLRDQDPLSEEQMQGLCIELNDFIVAL  
SSVQPSAKREGFVTPNVTWADIGALEDIREELTMAILAPVRNPDQFKALGLVTPAGVLLAGPPGCGKTL  
LAKAVANESGLNFISVKGPELLNMYVGESERAVRQVFQRAKNSAPCVIFFDEVDALCPRRSRETGASVR  
VVNQLLTEMDGLEARQQVFIMAATNRPDIIDPAILRPGRLDKTLFVGLPPPADRLAILKTITKNGTKPPL  
DADVNLAIAGDLRCDCTYGADLSALVREASICALRQEMARQKSGNEKGELKVSHKHFEFAFKKVRSSIS  
KKDQIMYERLQESLSR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	94.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_002524](#)

**Locus ID:** 4931

**UniProt ID:** [O15381](#)

**RefSeq Size:** 2921

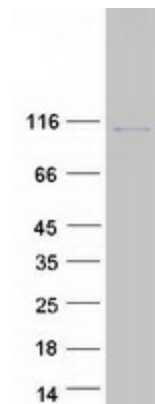
**Cytogenetics:** 1q42.11

**RefSeq ORF:** 2568

**Synonyms:** NVL2

**Summary:** 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. [provided by RefSeq, Aug 2011]

### Product images:



Coomassie blue staining of purified NVL protein (Cat# [TP315387]). The protein was produced from HEK293T cells transfected with NVL cDNA clone (Cat# [RC215387]) using MegaTran 2.0 (Cat# [TT210002]).