

## Product datasheet for PH315387

### NVL (NM\_002533) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	NVL MS Standard C13 and N15-labeled recombinant protein (NP_002524)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215387
Predicted MW:	94.9 kDa
Protein Sequence:	>RC215387 representing NM_002533 Red=Cloning site Green=Tags(s)
	<p>MKPRPAGFVDNKLKQRVIQYLTSNKCGKYVDIGVLASDLQRVYSIDYGRKRNAFRIQVEKVFSSISSEK ELKNLLEDEHLAKRARQGEEDNEYTESYSDDDSSMEDYDPQSANHMNSLLSLYRKGNPDSVSNTPE MEQRETTSSTPRISSTKTSIPLKTPAKDSEGGWFIDKTPSVKKSFFLDLSCEKSNPKKPITEIQDSKDS SLLSMDMKRKGKLNKSGSKRKKEDLQEV DGEIEAVLQKKAKARGLEFQISNVKFEDVGGNDMTLKEVCKM LIHMRHPEVYHHLGVVPPRGVLLHGPPGCGKTL LAHAIAGELDLPILKVAPEIVSGVSGESEQKLRFL EQAVSNAPCIIFIDEIDAITPKREVASKDMERRIVAQLLTCMDDLNNVAATARVLVIGATNRPDSLDPAL RRAGRFDREICLIPDEASRERILQTLCRKLRLPQAFDFCHLAHLTPGFVGADLMALCREAMCAVNRVL MKLQEQQKKNPEMEDLPSKGVQEERLGTPTSETQDELQRLGLLRDQDPLSEEQMQGLCIELNDFIVAL SSVQPSAKREGFVTPNVTWADIGALEDI REELTMAILAPVRNPQFKALGLVTPAGVLLAGPPGCGKTL LAKAVANESGLNFISVKGPELLNMYVGESERAVRQVFQRAKNSAPCVIFFDEVDALCPRRS DRET GASVR VYNQLLTEM DGL EARQQVF IMAATNRPDIIDPAILRPGRLDKTLFVGLPPPADRLA ILKTI TKNGT K PPL DADVNLEAIAGDLRDCDCYT GADLSALVREASICALRQEMARQKSGNEKGELKVSHKHFFEEAFKVRSSIS KKDQIMYERLQESLSR</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq: [NP\\_002524](#)

RefSeq Size: 2921

RefSeq ORF: 2568

Synonyms: NVL2

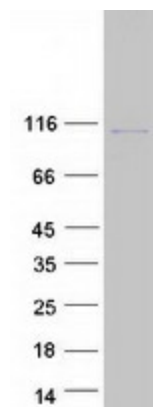
Locus ID: 4931

UniProt ID: [O15381](#), [B4DF43](#)

Cytogenetics: 1q42.11

**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]).