

## Product datasheet for PH312447

### NLN (NM\_020726) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	NLN MS Standard C13 and N15-labeled recombinant protein (NP_065777)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212447
Predicted MW:	80.5 kDa
Protein Sequence:	>RC212447 representing NM_020726 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MIARCLLAVRSLRRVGGSRILLRMTLGREVMSPLQAMSSYTVAGRNVLRWDL SPEQIKTRTEELIVQTKQ VYDAVGMLGIEEVTYENCLQALADVEVKYIVERTMLDFPQHVSDDKEVRAASTEADKRLSRFDIEMSMRG DIFERIVHLQETCDLGKIKPEARRYLEKSIKMGKRNLHLPEQVQNEIKSMKKRMSLCLIDFNKLNEDD TFLVFSKAELGALPDDFIDSLEKTDKDKYKITLKYPHYFPVMKKCCIPETRRRMEMAFNTRCKEENTIIL QQLLPLRTKVAKLLGYSTHADFLVEMNTAKSTSRVTAFLDDLSQLKPLGEAEREFILNLKKKECKDRGF EYDGKINAWDLYYMTQTEELKYSIDQEFLEKEYFPIEVVTEGLLNTYQELLGLSFEQMTDAHVVNKSVTL YTVKDKATGEVLGQFYLDLYPREGKYNHAACFGLQPGCLLPDGSRRMVAALVVNF SQPVAGRPSLLRHD EVRTYFHEFGHVMHQICAQTDFAFSGTINVETDFVEVPSQMLENWVDVDSLRRLSKHKDGSPYIADDLL EKLVASRLVNTGLLTLRQIVLSKVDQSLHTNTSLDAASEYAKYCSEILGVAATPGTNMPATFGHLAGGYD GQYYGYLWSEVFSMDMFYSCFKKEGIMNPEVGMKYRNLILKPGGSLDGMMLHNFLLKREPQKAFMLSRG LHAP  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
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.
RefSeq:	<a href="#">NP_065777</a>



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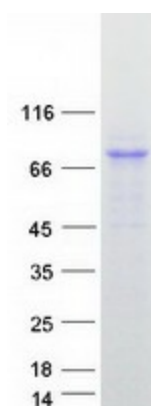
RefSeq Size:	2882
RefSeq ORF:	2112
Synonyms:	AGTBP; EP24.16; MEP; MOP
Locus ID:	57486
UniProt ID:	<a href="#">Q9BYT8</a>
Cytogenetics:	5q12.3

**Summary:** This gene encodes a member of the metallopeptidase M3 protein family that cleaves neurotensin at the Pro10-Tyr11 bond, leading to the formation of neurotensin(1-10) and neurotensin(11-13). The encoded protein is likely involved in the termination of the neurotensinergic signal in the central nervous system and in the gastrointestinal tract. [provided by RefSeq, Jun 2010]

**Protein Families:** Druggable Genome, Protease

**Protein Pathways:** Renin-angiotensin system

### Product images:



Coomassie blue staining of purified NLN protein (Cat# [TP312447]). The protein was produced from HEK293T cells transfected with NLN cDNA clone (Cat# [RC212447]) using MegaTran 2.0 (Cat# [TT210002]).