

Recombinant Human NLN Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. NLN-327H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NLN MS Standard C13 and N15-labeled recombinant protein (NP_065777) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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]
Molecular Mass	80.5 kDa
AA Sequence	MIARCLLAVRSLRRVGGSRILLRMTLGREVMSP LQAMSSYTVAGRNVLRWDLSP EQI KTRTEELIVQTKQVYDAVGMLGIEEV TYENCLQALADVEVKYIVERTMLDFPQH VSS DKEVRAASTEADKRLSRFDIEMSMRGDIFERIVHLQETCDLGKIKPEARRYLEKSIKM GKRNGHLHLPEQVQNEIKSMKKRMSELCIDFNKNLNEDDTFLVFSKAELGALPDDFID SLEKTDDDKYKITLKYPHYFPVMKKCCIPETRRRMEMAFNTRCKEENTIILQQLPLR TKVAKLLGYSTHAD FVLEMNTAKSTSRVTAFLDDLSQKLKPLGEAERE FILNLKKKEC KDRGFEYD GKINAWDLYYYMTQTEELKYSIDQEFLKEYFP IEVVTEGLLNTYQELLGL SFEQMTDAHVWNKSVTLTYTKDKATGEVLGQFYLDLYPREGKYNHAACFGLQPGC

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LLPDGSRMMAVAALVVNFSQPVAGRPSLLRHDEVRTYFHEFGHVMHQICAQTDFAR
 FSGTNVETDFVEVPSQMLENWWVDVDSLRLRLSKHYKDGSPiADDLLEKLVASRLVN
 TGLLTLRQIVLSKVDQSLHTNTSLDAASEYAKYCSEILGVAATPGTNMPATFGHLAG
 GYDGQYYGYLWSEVFSMDMFYSCFKKEGIMNPEVGMKYRNLILKPGGSLDGMDML
 HNFLKREPNNQKAFLMSRGLHAPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 NLN neurolysin (metallopeptidase M3 family) [Homo sapiens (human)]

Official Symbol NLN

Synonyms NLN; neurolysin (metallopeptidase M3 family); AGTBP, angiotensin binding protein; neurolysin, mitochondrial; KIAA1226; endopeptidase 24.16; microsomal endopeptidase; neurotensin endopeptidase; angiotensin binding protein; angiotensin-binding protein; mitochondrial oligopeptidase M; MEP; MOP; AGTBP; EP24.16; FLJ23002; DKFZp564F123;

Gene ID 57486

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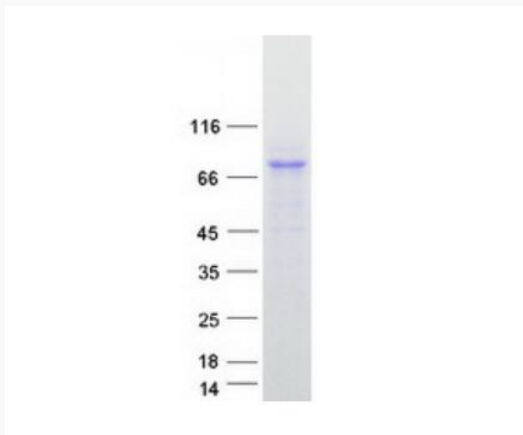
mRNA Refseq [NM_020726](#)

Protein Refseq [NP_065777](#)

MIM [611530](#)

UniProt ID [Q9BYT8](#)

SDS-PAGE



116 —
66 —
45 —
35 —
25 —
18 —
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