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	MIARCLLAVRSLRRVGGSRILLRMTLGREVMSPLQAMSSYTVAGRNVLRWDLSPEQI KTRTEELIVQTKQVYDAVGMLGIEEVTYENCLQALADVEVKYIVERTMLDFPQHVSS DKEVRAASTEADKRLSRFDIEMSMRGDIFERIVHLQETCDLGKIKPEARRYLEKSIKM GKRNGLHLPEQVQNEIKSMKKRMSELCIDFNKNLNEDDTFLVFSKAELGALPDDFID SLEKTDDDKYKITLKYPHYFPVMKKCCIPETRRRMEMAFNTRCKEENTIILQQLLPLR TKVAKLLGYSTHADFVLEMNTAKSTSRVTAFLDDLSQKLKPLGEAEREFILNLKKKEC KDRGFEYDGKINAWDLYYYMTQTEELKYSIDQEFLKEYFPIEVVTEGLLNTYQELLGL SFEQMTDAHVWNKSVTLYTVKDKATGEVLGQFYLDLYPREGKYNHAACFGLQPGC

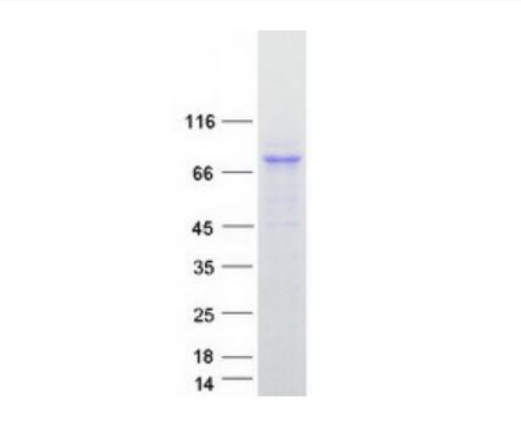
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	LLPDGSRMMAVAALVVNFSQPVAGRPSLLRHDEVRTYFHEFGHVMHQICAQTDFAR FSGTNVETDFVEVPSQMLENWVWDVDSLRRLSKHYKDGSPIADDLLEKLVASRLVN TGLLTLRQIVLSKVDQSLHTNTSLDAASEYAKYCSEILGVAATPGTNMPATFGHLAG GYDGQYYGYLWSEVFSMDMFYSCFKKEGIMNPEVGMKYRNLILKPGGSLDGMDML HNFLKREPNQKAFLMSRGLHAPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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	

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