

Active Recombinant Human NLN protein, His-tagged

Cat. No. NLN-348H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human NLN protein(NP_065777.1) (Ser38-Pro704) was expressed in E.coli with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	38-704 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to cleave a fluorogenic peptide substrate, (7-methoxycoumarin-4-yl)acetyl Pro-Leu-Gly-Pro-D-Lys(2,4-dinitrophenyl)-OH. The specific activity is > 100 pmol/min/μg.
Molecular Mass	The recombinant human NLN consists of 685 amino acids and predicts a molecular mass of 78.7 kDa. It migrates as an approximately 67 kDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name NLN neurolysin (metallopeptidase M3 family) [Homo sapiens]

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

mRNA Refseq NM_020726

Protein Refseq NP_065777

MIM 611530

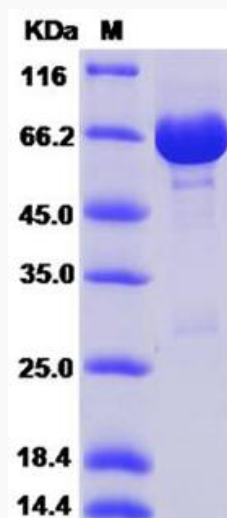
UniProt ID Q9BYT8

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SDS-PAGE



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