

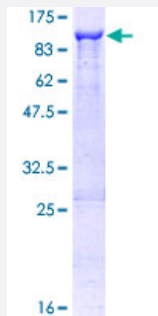
Full-Length

NLN (Human) Recombinant Protein (P01)

Catalog # H00057486-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NLN full-length ORF (NP_065777.1, 1 a.a. - 704 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MIARCLLAVRSLRRVGGSRILLRMTLGREVMSPQLAMSSYTVAGRNVLRWDLSPQIKTRTEELV
QTKQVYDAVGMLGIEEVTYENCLQALADVEVKYVERTMLDFPQHVSDDKEVRAASTEADKRLSR
FDIEMSMRGDIFERVHLQETCDLGKIKPEARRYLEKSIKMGKRNLHLPEQVQNEIKSMKKRMSEL
CIDFNKNLNEDDTFLVFSKAELGALPDDFIDSLEKTDDDKYKITLKYPHYFPVMKKCCIPETRRRME
MAFNTRCKEENTILQQLPLRTKVAKLLGYSTHADVFLEMNTAKSTSRVTAFLDDLSQKLKPLGE
AEREFILNLKKKECKDRGFEYDGKINAWDLYYMTQTEELKYSIDQEFLKEYFPIEVVTEGLLNTYQ
ELLGLSFEQMTDAHVWNKSVTLTYVKDKATGEVLGQFYLDLYPREGKYNHAACFGLQPGCLLPD
GSRMMAVAALVVNFSQPVAGRPSLLRHDEVRTYFHEFGHVMHQICAQTDFARFSGTNVETDFVE
VPSQMLENWWVDVDSLRRLSKHYKDGSPiADDLLEKLVASRLVNTGLLTLRQVLSKVDQSLHTN
TSLDAASEYAKYCSEILGVAATPGTNMPATFGHLAGGYDGQYYGYLWSEVFSMDMFYSCFKKEGI
MNPEVGMKYRNLILKPGGSLDGMMLHNLKREPQNKAFLMSRGLHAP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

107.1

Interspecies Antigen Sequence

Mouse (90); Rat (89)

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NLN

Entrez GeneID	57486
GeneBank Accession#	NM_020726.2
Protein Accession#	NP_065777.1
Gene Name	NLN
Gene Alias	AGTBP, DKFZp564F123, KIAA1226
Gene Description	neurolysin (metallopeptidase M3 family)
Omim ID	611530
Gene Ontology	Hyperlink
Gene Summary	Neurolysin (EC 3.4.24.16) is an enzyme involved in the metabolic inactivation of bioactive peptides (Garrido et al., 1999 [PubMed 10235115]).[supplied by OMIM]
Other Designations	OTTHUMP00000123454 angiotensin binding protein neurolysin neurotensin endopeptidase

Pathway

- [Renin-angiotensin system](#)

Disease

- [Tobacco Use Disorder](#)