

NLN Blocking Peptide (Center)
Synthetic peptide
Catalog # BP19932c**Specification**

NLN Blocking Peptide (Center) - Product Information

Primary Accession [Q9BYT8](#)
Other Accession [NP_065777.1](#)

NLN Blocking Peptide (Center) - Additional Information

Gene ID 57486

Other Names

Neurolysin, mitochondrial, Angiotensin-binding protein, Mitochondrial endopeptidase, MEP, Mitochondrial oligopeptidase M, Neurotensin endopeptidase, NLN, AGTBP, KIAA1226

Target/Specificity

The synthetic peptide sequence is selected from aa 227-240 of HUMAN NLN

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NLN Blocking Peptide (Center) - Protein Information

Name NLN

Synonyms AGTBP, KIAA1226

Function

Hydrolyzes oligopeptides such as neurotensin, bradykinin and dynorphin A (By similarity). Acts as a regulator of cannabinoid signaling pathway by mediating degradation of hemopressin, an antagonist peptide of the cannabinoid receptor CNR1 (By similarity).

Cellular Location

Mitochondrion intermembrane space {ECO:0000250|UniProtKB:P42676}. Cytoplasm, cytosol {ECO:0000250|UniProtKB:P42676}

NLN Blocking Peptide (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

NLN Blocking Peptide (Center) - Images

NLN Blocking Peptide (Center) - Background

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.

NLN Blocking Peptide (Center) - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Lim, E.J., et al. J. Biol. Chem. 282(13):9722-9732(2007)
Norman, M.U., et al. Am. J. Physiol. Heart Circ. Physiol. 284 (6), H1978-H1984 (2003) :
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