

Recombinant Human Neurolysin/NLN Protein

Catalog No.: RP03203 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	57486	Q9BYT8

Tags

N-His

Synonyms

AGTBP; EP24.16; KIAA1226; MEP; MOP; NLN; Neurolysin

Product Information

Source	Purification
E.coli	≥ 90 % as determined by SDS-PAGE.

Calculated MW	Observed MW
78.7 kDa	65-70 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description

Recombinant Human Neurolysin/NLN Protein is produced by *E. coli* expression system. The target protein is expressed with sequence(Ser38-Pro704) of Human Neurolysin/NLN (Accession #NP_065777.1) fused with His tag at the N-terminus.

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.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

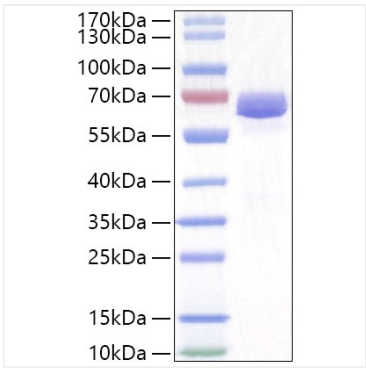
Contact

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Validation Data



Recombinant Human Neurolysin/NLN Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.