

Recombinant Human Neurotrimin/NTM Protein

Catalog No.: RP03158 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	50863	Q9P121-3

Tags

C-His

Synonyms

Neurotrimin;NTM; IgLON family member 2; IGLON2; HNT;NTRI;

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Calculated MW	Observed MW
32.3 KDa	51 KDa, reducing conditions

Endotoxin

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

Formulation

Lyophilized from a 0.22 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. 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.

Contact

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Background

Neurotrimin is a glycoprotein. It belongs to the immunoglobulin superfamily and IgLON family. Neurotrimin localizes to the cell membrane and contains three Ig-like C2-type domains. Neurotrimin acts as a glycosylphosphatidylinositol (GPI)-anchored neural cell adhesion molecule. Neurotrimin may promote neurite outgrowth and adhesion via homophilic and heterophilic interactions.

Basic Information

Description

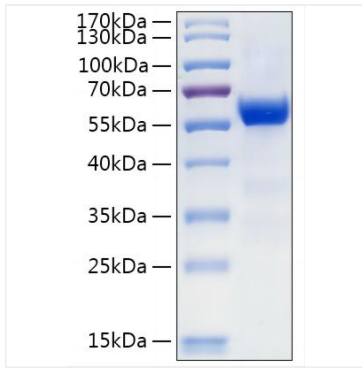
Recombinant Human Neurotrimin/NTM Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly34-Leu316) of Human Neurotrimin/NTM (Accession #NP_001137531.1) fused with and his tag at the C-terminus.

Bio-Activity

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.

Validation Data



Recombinant Mouse Neurotrimin/NTM Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 50-60 kDa.