

Recombinant Human Neurotrimin/NTM Protein

Catalog No.: RP03158

Sequence Information

Species	Gene ID
Human	50863
Swiss Prot	Tags
Q9P121-3	C-His

Synonyms

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

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MWObserved MW

32.3 KDa	51 KDa, reducing conditions
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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.

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.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at –20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

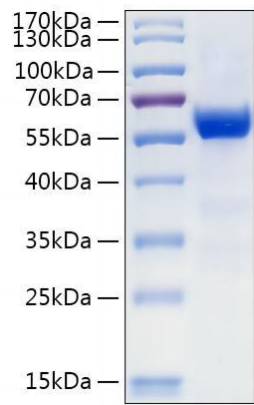
Contact

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Validation Data



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