

Recombinant Human Neurotrimin/NTM Protein (His Tag)

Catalog No. PKSH032802

Note: Centrifuge before opening to ensure complete recovery of vial contents.

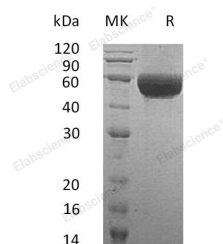
Description

Synonyms	Neurotrimin;NTM;IgLON family member 2;IGLON2;HNT;NTRI;
Species	Human
Expression Host	HEK293 Cells
Sequence	Gly34-Leu316
Accession	Q9P121-3
Calculated Molecular Weight	32.3 kDa
Observed molecular weight	55-70 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

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

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(GPI)-anchored neural cell adhesion molecule. Neurotrimin may promote neurite outgrowth and adhesion via homophilic and heterophilic interactions.