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Datasheet for ABIN1880613

Neurotrimin Protein (NTM) (AA 34-316) (His tag)

Overview

Quantity:	50 µg
Target:	Neurotrimin (NTM)
Protein Characteristics:	AA 34-316
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Neurotrimin protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Neurotrimin/NTRI (C-6His)
Sequence:	GDATFPKAMD NVTVRQGESA TLRCTIDNRV TRVAWLNRST ILYAGNDKWC LDPRVVLLSN TQTQYSIEIQ NVDVYDEGPY TCSVQTDNHP KTSRVHLIVQ VSPKIVEISS DISINEGNNI SLTCIATGRP EPTVTWRHIS PKAVGFVSED EYLEIQGITR EQSGDYECSA SNDVAAPVVR RVKVTVNYPP YISEAKGTGV PVGQKGTLCQ EASAVPSAEF QWYKDDKRLI EGKKGVKVEN RPFLSKLIFF NVSEHDYGNV TCVASNKLGH TNASIMLFGE TVLVDHHHHH H
Characteristics:	Recombinant Human Neurotrimin is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Gly34-Leu316) of Human Neurotrimin fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	Neurotrimin (NTM)
Alternative Name:	Neurotrimin (NTM Products)
Sub Type:	Fusionprotein
Background:	<p>Neurotrimin localizes to the cell membrane and contains three Ig-like C2-type (immunoglobulin-like) domains. Neurotrimin acts as a glycosylphosphatidylinositol (GPI)-anchored neural cell adhesion molecule. Neurotrimin may promote neurite outgrowth and adhesion via homophilic and heterophilic interactions.</p> <p>Alternative Names: Neurotrimin (NTM), also known as IgLON family member 2, IGLON2, HNT and NTRI, is a member of the immunoglobulin superfamily and IgLON family.</p>
Molecular Weight:	32.3 kDa

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
Expiry Date:	3 months