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Datasheet for ABIN7318817

Neurologin 4 Protein (NLGN4) (His tag)

Overview

Quantity:	50 µg
Target:	Neurologin 4 (NLGN4)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Neurologin 4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human NLGN4X Protein (His Tag)
Sequence:	Gln42-Ser676
Characteristics:	Recombinant Human Neurologin 4, X-Linked is produced by our Mammalian expression system and the target gene encoding Gln42-Ser676 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Neurologin 4 (NLGN4)
Alternative Name:	NLGN4X (NLGN4 Products)
Background:	Background: Neurologin 4, X-Linked (NLGN4X) is a single-pass type I membrane protein that belongs to the type-B carboxylesterase/lipase family. NLGN4X is detected at higher levels in heart and at lower levels in the liver, skeletal muscle, and pancreas. NLGN4X is a putative

Target Details

neuronal cell surface protein involved in cell-cell-interactions. NLGN4X may act as splice site-specific ligands for β -neurexins. It has been shown that NLGN4X is involved in the formation and remodeling of central nervous system synapses. NLGN4X also interacts with discs, large (Drosophila) homolog 4 (DLG4). Defects in NLGN4X have been associated with autism and Asperger syndrome.

Synonym: Neuroligin-4 X-Linked, Neuroligin X, HNLX, NLGN4X, KIAA1260, NLGN4

Molecular Weight: 72.5 kDa

UniProt: [Q8N0W4](#)

Pathways: [Cell-Cell Junction Organization](#), [Synaptic Membrane](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 μ m filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: 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.