

32-7798: Recombinant Human Neuroligin 4, X-Linked/NLGN4X (C-6His)

Gene : NLGN4X
Gene ID : 57502
Uniprot ID : Q8N0W4

Description

Source: Human Cells.
MW :72.46kD.

Recombinant Human Neuroligin 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. Neuroligin 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 neuronal cell surface protein involved in cell-cell-interactions. NLGN4X may act as splice site-specific ligands for beta-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.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.
Storage condition : Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : QAQYPVVNTNYGKIRGLRTPLEILGPVEQYLGVPYASPTGERRFQPPEPPSSWTGIRNTTQFAAVCPQHLE
RSLLDHMLPIWFTANLDTLMTYVQDQNECLYLNIYVPTEDDIHQNSKKPVMVYIHGGSYMEGTGNMIDGSIL
ASYGNVIVITINYRLGILGFLSTGDQAAKGNYGLLDQIQALRWIEENVGAFGGDPKRVITIFGSGAGASCVSLLTSL
HYSEGLFQKAIISGTLSSWAVNYQPAKYTRILADKVGCMMLDTTDMVECLRKNYKELIQQTITPATYHIAFG
PVIDGDVIPDDPQILMEQGEFLNYDIMLGVNQGEGLKFVDGIVDNEGDVTPNDFDFSVSNFVDNLYGYPEGKD
TLRETIKFMYPDWADKENPETRRKTLVALFTDHQWVAPAVATADLHAQYGSPTYFYAFYHHCQSEMKPSWAD
SAHGDEVYVFGIPMIGPTTELFSCNFSKNDVMSAVVMYWTNFAKTGDPNQPVQDTKFIHTKPNRFEEVAW
SKYNPKDQLYLHIGLKPRVRDHYRATKVAFWLELPHLHNLNEIFQYVSTTTKVPVPPDMTSFPYGTTRRSPAKIWP
TKRPAITPANNPKHSDPHKTGPEDTTVLIETKRDYSTEIVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.