

Recombinant Human NLGN4X Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NLGN4X-5849H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NLGN4X MS Standard C13 and N15-labeled recombinant protein (NP_065793) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the type-B carboxylesterase/lipase protein family. The encoded protein belongs to a family of neuronal cell surface proteins. Members of this family may act as splice site-specific ligands for beta-neurexins and may be involved in the formation and remodeling of central nervous system synapses. The encoded protein interacts with discs large homolog 4 (DLG4). Mutations in this gene have been associated with autism and Asperger syndrome. Alternative splicing results in multiple transcript variants.
Molecular Mass	91.7 kDa
AA Sequence	MSRPQGLLWLP LLFTPVCV MLNSNVLLWLTALAIKFTLIDSQAQYPV VNTNYGKIRGL RTPLPNEILGPVEQYLGVPYASPTGERRFQPPEPPSSWTGIRNTTQFAAVCPQHL DERSLLHDMLPIWFTANLDTLMTYVQDQNECLYLNIVPTEDDIHDQNSKKPVMVY IHGGSYMEGTGNMIDGSILASYGNVIVITINYRLGILGFLSTGDQAAKGNYGLLDQIQA LRWIEENVGAFGGDPKRVTIFGSGAGASCVSLLTLSHYSEGLFQKAIQSGTALSSW AVNYQPAKYTRILADKVGCNMLDTTDMVECLRKNYKELIQQTITPATYHIAFGPVID

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GDVIPDDPQILMEQGEFLNYDIMLGVNQGEGLKFVDGIVDNEGDVTPNDFDFSVSNF
VDNLYGYPEGKDTLRETIKFMYPDWADKENPETRRKTLVALFTDHQWVAPAVATAD
LHAQYGSPTYFYAFYHHCQSEMKPSWADSAHGDEVYVFGIPMIGPTELFSCNFSK
NDVMLSAVVMTYWTNFAKTGDPNQPVQDTKFIHTKPNRFEEVAWSKYNPKDQLY
LHIGLKPRVRDHYRATKVAFWLELVPHLHNLNEIFQYVSTTTKVPPDMTSFPYGTR
RSPAKIWPTTKRPAITPANNPKHSDPHKTGPEDTTVLIETKRDYSTELESVTIavgasl
LFLNILAFAALYYKKDKRRHETHRRPSPQRNTTNDIAHIQNEEIMSLQMKQLEHDHEC
ESLQAHDTLRLTCPPDYTLRLRRSPDDIPLMTPNTITMIPNTLTGMQPLHTFNTFSGG
QNSTNLPHGHSTTRVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [NLGN4X neuroigin 4 X-linked \[Homo sapiens \(human\) \]](#)

Official Symbol [NLGN4X](#)

Synonyms NLGN4X; neuroigin 4, X-linked; neuroigin 4, NLGN4; neuroigin-4, X-linked; HLNX; KIAA1260; NLGN; neuroigin X; HNLX; HNL4X; NLGN4; ASPGX2; AUTSX2; MGC22376;

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Gene ID 57502

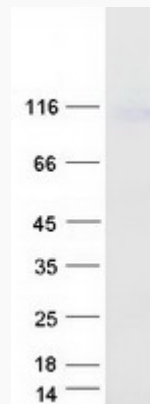
mRNA Refseq NM_020742

Protein Refseq NP_065793

MIM 300427

UniProt ID Q8NOW4

SDS-PAGE



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