

Recombinant Human NLGN4Y Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NLGN4Y-3809H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NLGN4Y MS Standard C13 and N15-labeled recombinant protein (NP_055708) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a type I membrane protein that belongs to the family of neuroligins, which are cell adhesion molecules present at the postsynaptic side of the synapse, and may be essential for the formation of functional synapses. Alternatively spliced transcript variants have been found for this gene.
Molecular Mass	92 kDa
AA Sequence	MLRPQGLLWLPLLFTSVCVMLNSNVLLWITALAIKFTLIDSQAQYPVVNTNYGKIQGL RTPLPSEILGPVEQYLGVPIYASPTGERRFQPPESPSSWTGIRNATQFSAVCPQHL DERFLLHDMPLIWFTTSLDTLMTYVQDQNECLYLNIVPMEDDIHEQNSKKPVMVY IHGGSYMEGTGNMIDGSILASYGNVIVITINYRLGILGFLSTGDQAAKGNYGLLDQIQAL LRWIEENVGAFFGGDPKRVITIFGSGAGASCVSLTSLSHYSEGLFQKAIQSGTALSSW AVNYQPAKYTRILADKVGCMMLDTTDMVECLKNKNYKELIQQTITPATYHIAFGPVID GDVIPDDPQILMEQGEFLNYDIMLGVNQGEGLKFVDGIVDNEGVTPNDFDFSVSNF VDNLYGYPEGKDTLRETIKFMYPDWDADKENPETRRKTLVALFTDHQWVAPAVATAD LHAQYGSPTYFYAFYHHCQSEMKPSWADSAHGDEVYVFGIPMIGPTELFSCNFSK

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NDVMLSAVVMTYWTNFAKTGDPNQVPVQDTKFIHTKPNRFEEVAWSKYNPBKDQLY
 LHIGLKPRVRDHYRATKVAFWLELVPHLHNLNEIFQYVSTTTKVPPDMTSFPYGTR
 RSPAKIWPTTKRPAITPANNPKHSDPHKTGPEDTTVLIETKRDYSTEISVTIAGASL
 LFLNILAFAALYYKKDKRRHETHRHPSQQRNTTNDITHIQNEEIMSLQMKQLEHDHEC
 ESLQAHDTLRLTCPPDYTLTLRRSPDDIPFMTPTNTITMIPNTLMGMQPLHTFKTFSGG
 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 NLGN4Y neuroligin 4 Y-linked [Homo sapiens (human)]

Official Symbol NLGN4Y

Synonyms NLGN4Y; neuroligin 4, Y-linked; neuroligin 4, Y linked; neuroligin-4, Y-linked; KIAA0951;

Gene ID 22829

mRNA Refseq NM_014893

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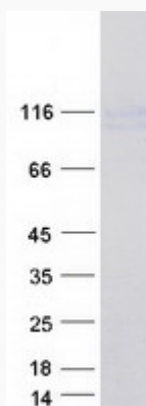
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Protein Refseq NP_055708

MIM 400028

UniProt ID Q8NFZ3

SDS-PAGE



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