

Recombinant Human NLGN4Y Protein, His-tagged

Cat. No. NLGN4Y-79H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NLGN4Y Protein, fused to His-tag, was expressed in E. coli.
Species	Human
Source	E.coli
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.
Form	50mM Tris, 0.3 M NaCl pH8.0.
Molecular Mass	73 kDa
AA Sequence	MQYPVVNTNYGKIQGLRTPLPSEILGPVEQYLGVPYASPPTGERRFQPPESPSSWT GIRNATQFSAVCPQHLLDERFLLHDMPLPIWFTTSLDTLMTYVQDQNEDECLYLNIVPM EDDIHEQNSKKPVMVYIHGGSYMEGTGNMIDGSILASYGNVIVITINYRLGILGFLSTG DQAAKGNYGLLDQIQALRWIENVGAFGGDPKRVITIFGSGAGASCVSLLTLSHYSE GLFQKAIQSGTALSSWAVNYQPAKYTRILADKVGCNMLDTTDMVECLKNKNYKELI QQTITPATYHIAFGPVIDGDVIPDDPQILMEQGEFLNYDIMLGVNQGEGLKFVDGIVD NEDGVTPNDFDFSVSNFVDNLYGYPEGKDTLRETIKFMYPDWDADKENPETRRKTLV ALFTDHQWVAPAVATADLHAQYGSPTYFYAFYHHCQSEMKPSWADSAHGDEVPIVY FGIPMIGPTSELFSCNFSKNDVMLSAVVMYWTNFAKTGDPNQPVQDTKFIHTKPNR FEEVAWSKYNPKDQLYLHIGLKPRVRDHYRATKVAFWLELVPHLHNLNEIFQYVSTT

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TKVPPPDMTSFPYGTTRRSPAKIWPTTKRPAITPANNPKHSDPHKTGPEDTTVLIETK
RDYSTELSGGGSGGGSHHHHHHHHHH

Purity >90%

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 0.21 mg/ml

GENE INFORMATION

Gene Name NLGN4Y neuroligin 4 Y-linked [Homo sapiens (human)]

Official Symbol NLGN4Y

Synonyms HNL4Y

Gene ID 22829

mRNA Refseq NM_001164238

Protein Refseq NP_001157710

MIM 400028

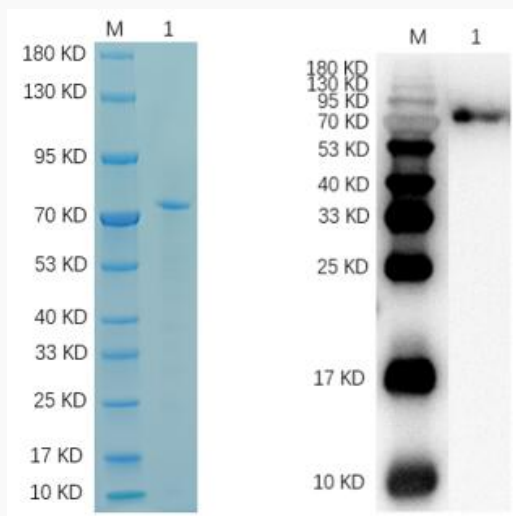
UniProt ID Q8NFZ3

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SDS-PAGE



Reducing 12% SDS-PAGE and WB analysis profile of purified NLGN4Y(44-676)
(CBB stained).

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