

Recombinant Human NLGN4Y Protein(Q8NFZ3-1, Gln44-Leu675), His-tagged

Cat. No. NLGN4Y-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NLGN4Y protein(Q8NFZ3-1, Gln44-Leu675) with a His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln44-Leu675
Form	Liquid in sterile PBS, pH7.4
Molecular Mass	The protein has a calculated MW of 72 kDa.
AA Sequence	QYPVVNTNYGKIQGLRTPLPSEILG PVEQYLGVVPYASPPTGERRFQPPES PSSWTGIRNATQFSAVCPQHLDERF LLHDMLPWFTTSLDTLMTYVQDQN EDCLYLNIIYVPMEDDIHEQNSKKPV MVIYHGGSYMEGTGNMIDGSILASY GNVIVITINYRLGILGFLSTGDQAA KGNYGLLDQIQALRWIEENVGAFFG DPKRVTIFGSGAGASCVSLLTSLSHY SEGLFQKAIQSGTALSSWAVNYQP AKYTRILADKVGCNMLDTTDMVECL KNKNYKELIQQTITPATYHIAFGPV IDGDVIPDDPQILMEQGEFLNYDIM LGVNQGEGLKFVDGIVDNEDGVTPN DFDFSVSNSFVDNLYGYPEGKDTLRE TIKFMYTDWADKENPETRRKTLVAL FTDHQWVAPAVATADLHAQYGSPTY FYAFYHHCQSEMKPSWADSAHGDEV PYVFGIPMIGPTELFSCNFSKNDVM LSAVVMTYWTNFAKTGDPNQPVQD TKFIHTKPNRFEEVAWSKYNPKDQL YLHIGLKPRVRDHYRATKVAFWLEL

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	VPHLHNLNEIFQYVSTTTKVPPPDMSFPYGTRRSPAKIWPTTKRPAITP ANNPKHSDPHKTGPEDTTVLIETKRDYSELGGGSGGGSHHHHHHHHHH
Endotoxin	<1 EU/μg
Purity	>95% by SDS-PAGE
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	0.14 mg/mL
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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_001206850.2
Protein Refseq	NP_001193779.1
MIM	400028

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UniProt ID

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