

Active Recombinant Human NLGN1 Protein, His-tagged

Cat. No. NLGN1-687H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NLGN1 (Accession # NP_055747) Met1-Ser677, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Met1-Ser677
Predicted N Terminal	No results obtained: Gln46 predicted, sequencing might be blocked
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Human Neuroligin 1/NLGN1 Variant 2 is immobilized at 5.0 µg/mL, Recombinant Human Neurexin 1 beta Fc Chimera binds with an apparent KD < 30 nM.
Molecular Mass	Recombinant Human NLGN1, His-tagged has a calculated MW of 71.3 kDa. In SDS-PAGE migrates as 90-110 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	NLGN1 neuroligin 1 [Homo sapiens]
Official Symbol	NLGN1
Synonyms	NLGN1; neuroligin 1; neuroligin-1; KIAA1070; NL1; MGC45115;
Gene ID	22871
mRNA Refseq	NM_014932
Protein Refseq	NP_055747
MIM	600568
UniProt ID	Q8N2Q7
Chromosome Location	3q26.32

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