

Active Recombinant Human NLGN1 Protein, His-tagged

Cat. No. NLGN1-686H Lot. No. (See product label)

SPECIFICATION

| | |
|-----------------------------|---|
| Product Overview | Recombinant Human NLGN1 (Accession # NP_055747) Gln46-Ser677, Deletion: aa 279-287, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived. |
| Species | Human |
| Source | Mammalian Cells |
| ProteinLength | Gln46-Ser677, Deletion: aa 279-287 |
| Predicted N Terminal | No results obtained: Gln46 predicted |
| 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 is immobilized at 5.0 µg/mL, recombinant human Neurexin 1 beta Fc Chimera binds with an apparent KD < 10 nM. |
| Molecular Mass | Recombinant Human NLGN1, His-tagged has a calculated MW of 70.3 kDa (monomer). In SDS-PAGE migrates as 90-100 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 |

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months (-70°C).

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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