

Active Recombinant Human NLGN4X Protein, His-tagged

Cat. No. NLGN4X-731H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NLGN4X (Accession # NP_065793) Gln42-Ser676, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Gln42-Ser676
Predicted N Terminal	No results obtained: Gln42 predicted
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to enhance neurite outgrowth of dissociated E13 chick embryonic dorsal root ganglia (DRG) neurons. Able to significantly enhance neurite outgrowth when immobilized at 3 - 12 µg/mL.
Molecular Mass	Recombinant Human NLGN4X, His-tagged has a calculated MW of 72.2 kDa. 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 months (-70°C).

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GENE INFORMATION

Gene Name	NLGN4X neuroligin 4, X-linked [Homo sapiens]
Official Symbol	NLGN4X
Synonyms	NLGN4X; neuroligin 4, X-linked; neuroligin 4 , NLGN4; neuroligin-4, X-linked; HLNX; KIAA1260; NLGN; neuroligin X; HNLX; HNL4X; NLGN4; ASPGX2; AUTSX2; MGC22376;
Gene ID	57502
mRNA Refseq	NM_020742
Protein Refseq	NP_065793
MIM	300427
UniProt ID	Q8N0W4
Chromosome Location	Xp22.33

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