

Recombinant Human NLGN4X Protein, His-tagged

Cat. No. NLGN4X-2491H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NLGN4X Protein (Gln42-Asn320) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln42-Asn320
Description	This gene encodes a member of the type-B carboxylesterase/lipase protein family. The encoded protein belongs to a family of neuronal cell surface proteins. Members of this family may act as splice site-specific ligands for beta-neurexins and may be involved in the formation and remodeling of central nervous system synapses. The encoded protein interacts with discs large homolog 4 (DLG4). Mutations in this gene have been associated with autism and Asperger syndrome. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.5 kDa Accurate Molecular Mass: 32 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	NLGN4X neuroligin 4, X-linked [Homo sapiens (human)]
Official Symbol	NLGN4X
Synonyms	NLGN4X; neuroligin 4, X-linked; neuroligin 4, NLGN4; neuroligin-4, X-linked; HLN4; KIAA1260; NLGN; neuroligin X; HNLX; HNL4X; NLGN4; ASPGX2; AUTSX2; MGC22376;
Gene ID	57502
mRNA Refseq	NM_020742
Protein Refseq	NP_065793
MIM	300427

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UniProt ID

Q8NOW4

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