

## Recombinant Human NLGN4X Protein, His tagged

Cat. No. NLGN4X-01H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NLGN4X Protein (44-675 aa) with His tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	44-675 aa
<b>Description</b>	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.
<b>Molecular Mass</b>	73 kDa
<b>AASequence</b>	QYPVVNTNYGKIRGLRTPNEILGPVEQYLGVPYASPPTGERRFQPPEPPSSWTGI RNTTQFAAVCPQHLDERSLLHDMLPIWFTANLDTLMTYVQDQNECLYLNIVPTD DIHDQNSKKPVMVYIHGGSYMEGTGNMIDGSILASYGNVIVITINYRLGILGFLSTGDQ AAKGNYGLLDQIQALRWIENVGAFGGDPKRVITIFGSGAGASCVSLLTLSHYSEGLF QKAIQSGTALSSWAVNYQPAKYTRILADKVGCMMLDTTDMVECLRNKNYKELIQQTI TPATYHIAFGPVIDGDVIPDDPQILMEQGEFLNYDIMLGVNQGEGLKFVDGIVDNEDG

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VTPNDFDFSVSNSFVDNLYGYPEGKDTLRETIKFMYPDWADKENPETRRKTLVALFTD  
 HQWVAPAVATADLHAQYGSPTYFYAFYHHCQSEMKPSWADSAHGDEVYVFGIPM  
 IGPTELFSCNFSKNDVMLS AVVMTYWTNFAKTGDPNQVPVQDTKFIHTKPNRFEEV  
 AWSKYNPKDQLYLHIGLKPRVRDHYRATKVAFWLELVLPHLHNLNEIFQYVSTTTKVP  
 PPDMTSFPYGTRRSPAKIWPTTKRPAITPANNPKHSDPHKTGPEDTTVLIETKRDY  
 STELGGGSGGGSHHHHHHHHHH

**Purity** > 90% 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** 1 mg/mL by BCA

**Storage Buffer** Sterile PBS, pH 7.4

## GENE INFORMATION

**Gene Name** [NLGN4X neuroigin 4, X-linked \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [NLGN4X](#)

**Synonyms** NLGN4X; neuroigin 4, X-linked; neuroigin 4 , NLGN4; neuroigin-4, X-linked; HLNX; KIAA1260; NLGN; neuroigin X; HNLX; HNL4X; NLGN4; ASPGX2; AUTSX2; MGC22376


**Gene ID** [57502](#)

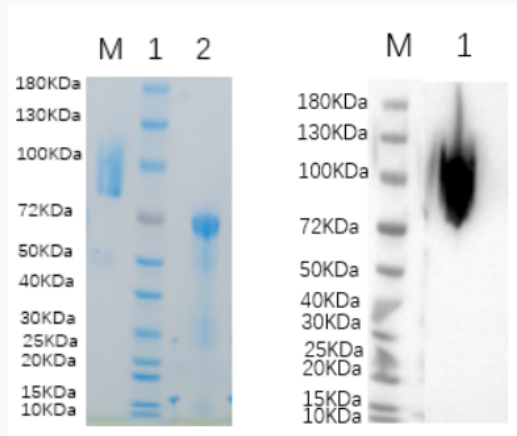
**mRNA Refseq** [NM\\_020742](#)

**Protein Refseq** [NP\\_065793](#)



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**MIM** 300427**UniProt ID** Q8N0W4**SDS-PAGE and WB**

Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified NLGN4X. 1. NLGN4X: 1  $\mu$ g 2. BSA: 1  $\mu$ g

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