

Recombinant Human NLGN4X Protein, His tagged

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

SPECIFICATION

Product Overview	Recombinant Human NLGN4X Protein (44-675 aa) with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	44-675 aa
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.
Molecular Mass	73 kDa
AASequence	QYPVVNTNYGKIRGLRTPNEILGPVEQYLGVPYASPPTGERRFQPPEPPSSWTGI RNTTQFAAVCPQHLDERSLLHDMPLIWFTANLDTLMTYVQDQNECLYLNIVPTED DIHDQNSKKPVMVYIHGGSYMEGTGNMIDGSILASYGNVIVITINYRLGILGFLSTGDQ AAKGNYGLLDQIQALRWIENVGAFGGDPKRVITFGSGAGASCVSLLTLSHYSEGLF QKAIQSGTALSSWAVNYQPAKYTRILADKVGCMMLDTTDMVECLRNKNYKELIQQT TPATYHIAFGPVIDGDVIPDDPQILMEQGEFLNYDIMLGVNQGEGLKFVDGIVDNEDG

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VTPNDFDFSVSNSFVDNLYGYPEGKDTLRETIKFMYPDWADKENPETRRKTLVALFTD
 HQWVAPAVATADLHAQYGSPTYFYAFYHHCQSEMKPSWADSAHGDEVYVFGIPM
 IGPTLFCSCNFSKNDVMLSASVVMYWTNFAKTGDPNPQVPQDTKFIHTKPNRFEEV
 AWSKYNPKDQLYLHIGLKPRVRDHYRATKVAFWLELVPHLHNLNEIFQYVSTTTKVP
 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](#) [neurexin 4, X-linked \[Homo sapiens \(human\) \]](#)

Official Symbol [NLGN4X](#)

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

Gene ID [57502](#)

mRNA Refseq [NM_020742](#)

Protein Refseq [NP_065793](#)

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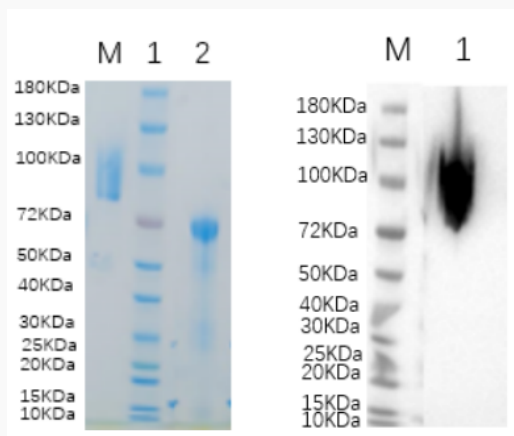
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MIM 300427

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 µg 2. BSA: 1 µg

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