

Recombinant Human NLGN4X Protein, His-tagged

Cat. No. NLGN4X-34H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NLGN4X protein with a His-tag was expressed in HEK293
Species	Human
Source	HEK293
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	The protein has a calculated MW of 73 kDa.
AA Sequence	QYPVVNTNYGKIRGLRTPNEILGPVEQYLGVPYASPTGERRFQPPEPPSSWTGI RNTTQFAAVCPQHLDERSLLHDMPLIWFTANLDTLMTYVQDQNECLYLNIVPTED DIHDQNSKKPVMVYIHGGSYMEGTGNMIDGSILASYGNVIVITINYRLGILGFLSTGDQ AAKGNYGLLDQIQALRWIENVGAFGGDPKRVTFGSGAGASCVSLLTLSHYSEGLF QKAIQSGTALSSWAVNYQPAKYTRILADKVGCMMLDTTDMVECLRNKNYKELIQQTI TPATYHIAFGPVIDGDVIPDDPQILMEQGEFLNYDIMLGVNQGEGLKFVDGIVDNEDG VTPNDFDFSVSNFVDNLYGYPEGKDTLRETIKFMYTDWADKENPETRRKTLVALFTD HQWVAPAVATADLHAQYGSPTYFYAFYHHCQSEMKPSWADSAHGDEVYPYVFGIPM

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IGPTELFSCNFSKNDVMLS AVVM TYWTNFAKTGDPNQVPVQDTKFIHTKPNRFEEV
 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 0.2 mg/mL

Storage Buffer PBS pH7.4

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](#)

MIM [300427](#)

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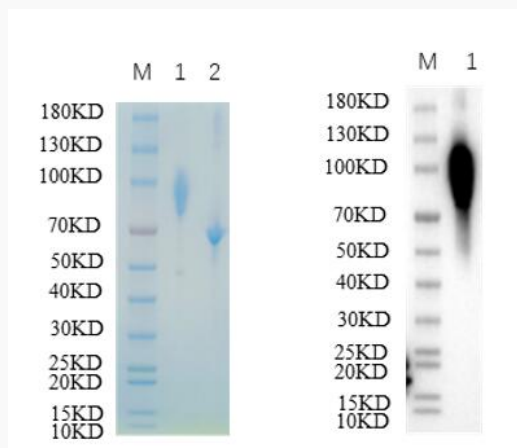
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UniProt ID

Q8NOW4

SDS-PAGE:



Reducing 12% SDS-PAGE and WB analysis profile of purified NLGN4X

1. NLGN4X

2. BSA

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