

Product Information

MemDX™ Membrane Protein Human NLGN4X (Neuroigin 4 X-linked) for Antibody Discovery

Cat. No.: **MP1067J**

This product is for research use only and is not intended for diagnostic use.

This product is a 91.7 kDa Human NLGN4X membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

NLGN4X

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

91.7 kDa

TMD

1

Sequence

MSRPQGLLWPLLLFTPVCVMLNSNVLLWLTALAIKFTLIDSQAQYPVVNTNYGKIRGLRTPNEILGPV
EQYLGVPYASPTGERRFQPPEPPSSWTGIRNTTQFAAVCPQHLDERSLLHDMPLWFTANLDTLMTYVQ
DQNEDECLYLNIIYPTEDDIHDQNSKKPVMVYIHGGSYMEGTGNMIDGSILASYGNVIVITINYRLGILGF
LSTGDQAAKGNYGLLDQIQALRWIENVGAFGGDPKRVTFGSGAGASCVSLLTSHYSEGLFQKAIQS
GTALSSWAVNYQPAKYTRILADKVCNMLDTTDMVECLRNKNYKELIQQTITPATYHIAFGPVIDGDVIP
DDPQILMEQGEFLNYDIMLGVNQGEGLKFVDGIVDNEGVTPNDFDFSVSNFVDNLYGYPEGKDTLRETI
KFMYPDWADKENPETRRKTLVALFTDHQWVAPAVATADLHAQYGSPTYFYAFYHHCQSEMKP SWADSAHG
DEVYPYVFGIPMIGPTLFCNFSKNDVMLS AVVMTYWTNFAKTGDPNQVPVQDTKFIHTKPNRFEEVAWS
KYNPKDQLYLHIGLKPRVRDHYRATKVAFWLELVPHLHNLNEIFQYVSTTTKVPPDMTSFPYGTRRSPA
KIWPTTKRPAITPANNPKHSDPHKTGPEDTTVLIETKRDYSTE SVTIAVGASLLFLNLAFAALYYKK
DKRRHETHRRPSPQRNTTNDIAHIQNEEIMSLQMKQLEHDHECESLQAHDTLRLTCPPDYTLTLRRSPDD
IPLMTPNTITMIPNTLTGMQPLHTFNTFSGGQNSTNLPHGHSTTRV

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

NLGN4X

Full Name

Neurologin 4 X-linked

Introduction

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.

Alternative Names

HLNX; HNL4X; NLGN4; ASPGX2; AUTSX2

Gene ID

[57502](#)

UniProt ID

[Q8N0W4](#)