

Product datasheet for **TP304671M**

Neuroigin 4 (NLGN4X) (NM_181332) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human neuroigin 4, X-linked (NLGN4X), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC204671 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSRPQGLLWLP LLFTPVCVMLNSNVLLWLTALAIKFTLIDSQAQYPVWNTNYGKIRGLRTPNEILGPV
EQYLGVPYASPTGERRFQPPEPPSSWTGIRNTTQFAAVCPQHLDERSLLHDMLPIWFTANLDTLMTYVQ
DQNEDECLYLNIIYPTEDDIHDQNSKKPVMVYIHGGSYMEGTGNMIDGSILASYGNVIVITINYRLGILGF
LSTGDQAAKGNYGLLDQIQALRWIENVGAFGGDPKRVTIFGSGAGASCVSLLTSHYSEGLFQKAIQS
GTALSSWAVNYQPAKYTRILADKVGCMMLDTTDMVECLRNKNYKELIQQTITPATYHIAFGPVIDGDVIP
DDPQILMEQGEFLNYDIMLGVNQGEGLKFVDGIVDNEDGVTPNDFDFSVSNFVDNLYGYPEGKDTLRETI
KFMYTDWADKENPETRRKTLVALFTDHWVAPAVATADLHAQYGSPTYFYAFYHHCQSEMKPSWADSAHG
DEVYVFGIPMIGPTLFCNFSKNDVMSAVVMTYWTFNAKTGDPNQVPQDTKFIHTKPNRFEEVAWS
KYNPKDQLYLHIGLKPRVRDHYRATKVAFWLELVPHLHNLNEIFQYVSTTTKVPPDMSFPYGTRRSPA
KIWPTTKRPAITPANNPKHSDPHKTGPEDTTVLIETKRDYSTEVSIVAVGASLLFLNILAFAALYYKK
DKRRHETHRRPSPQRNTTNDIAHIQNEEIMSLQMKQLEHDHECESLQAHDTLRLTCLPPDYTLTLLRRSPDD
IPLMTPNTITMIPNTLTGMQPLHTFNTFSGGQNSTNLPHGHSTTRV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

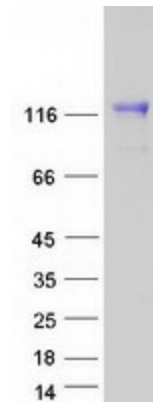
Tag:	C-Myc/DDK
Predicted MW:	91.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_851849
Locus ID:	57502
UniProt ID:	Q8N0W4 , A0A024RBV0
RefSeq Size:	5889
Cytogenetics:	Xp22.32-p22.31
RefSeq ORF:	2448
Synonyms:	ASPGX2; AUTSX2; HLNX; HNL4X; NLGN4
Summary:	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. [provided by RefSeq, Aug 2013]
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs)

Product images:



Coomassie blue staining of purified NLGN4X protein (Cat# [TP304671]). The protein was produced from HEK293T cells transfected with NLGN4X cDNA clone (Cat# [RC204671]) using MegaTran 2.0 (Cat# [TT210002]).