

Product datasheet for TP322932L

Neuroigin 4 (NLGN4X) (NM_020742) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human neuroigin 4, X-linked (NLGN4X), transcript variant 1, 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA | >RC222932 representing NM_020742 |
| Clone or AA Sequence: | Red=Cloning site Green=Tags(s) |

MSRPQGLLWLP LLFTPVCVMLNSNVLLWLTALAIKFTLIDSQAQYPVWNTNYGKIRGLRTPNEILGPV
EQYLGVPYASPTGERRFQPPEPPSSWTGIRNTTQFAAVCPQHLDERSLLHDMLPIWFTANLDTLMTYVQ
DQNEDECLYLNIVPTEDDIHDQNSKKPVMVYIHGGSYMEGTGNMIDGSILASYGNVIVITINYRLGILGF
LSTGDQAAKGNYGLLDQIQALRWIENVGAFGGDPKRVTIFGSGAGASCVSLLTSHYSEGLFQKAIQS
GTALSSWAVNYQPAKYTRILADKVGCMMLDTTDMVECLRNKKNYKELIQQTITPATYHIAFGPVIDGDVIP
DDPQILMEQGEFLNYDIMLGVNQGEGLKFVDGIVDNEDGVTPNDFDFSNSFVDNLYGYPEGKDTLRETI
KFMYTDWADKENPETRRKTLVALFTDHWVAPAVATADLHAQYGSPTYFYAFYHHCQSEMKPSWADSAHG
DEVYVFGIPMIGPTLFCNFSKNDVMSAVVMYWTNFAKTGDPNQVPQDTKFIHTKPNRFEEVAWS
KYNPKDQLYLHIGLKPRVRDHYRATKVAFWLELVPHLHNLNEIFQYVSTTTKVPPDMSFPYGTTRRSPA
KIWPTTKRPAITPANNPKHSDPHKTGPEDTTVLIETKRDYSTEVSIVAVGASLLFLNILAFAALYYKK
DKRRHETHRRPSPQRNTTNDIAHIQNEEIMSLQMKQLEHDHECESLQAHDTLRLTCLPPDYTLTLRRSPDD
IPLMTPNTITMIPNTLTGMQPLHTFNTFSGGQNSTNLPHGHSTTRV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

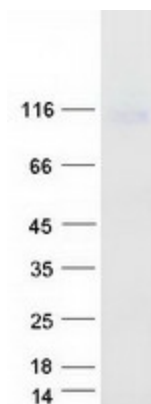
| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 91.7 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | 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_065793 |
| Locus ID: | 57502 |
| UniProt ID: | Q8N0W4 , A0A024RBV0 |
| RefSeq Size: | 5706 |
| 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# [TP322932]). The protein was produced from HEK293T cells transfected with NLGN4X cDNA clone (Cat# [RC222932]) using MegaTran 2.0 (Cat# [TT210002]).