

## Product datasheet for **TP322932M**

### Neuroigin 4 (NLGN4X) (NM\_020742) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human neuroigin 4, X-linked (NLGN4X), transcript variant 1, 100 µg
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  
LSTGDQAAKGNYGLLDQIQALRWIEENVGAFGGDPKRVTIFGSGAGASCVSLLTSHYSEGLFQKAIQS  
GTALSSWAVNYQPAKYTRILADKVGCMMLDTTDMVECLRNKNYKELIQQTITPATYHIAFGPVIDGDVIP  
DDPQILMEQGEFLNYDIMLGVNQGEGLKFVDGIVDNEDGVTPNDFDFSNSFVDNLYGYPEGKDTLRETI  
KFMYTDWADKENPETRRKTLVALFTDHQWVAPAVATADLHAQYGSPTYFYAFYHHCQSEMKPSWADSAHG  
DEVYVFGIPMIGPTLFCNFSKNDVMSAVVMYWTNFAKTGDPNQVVPQDTKFIHTKPNRFEEVAWS  
KYNPKDQLYLHIGLKPRVRDHYRATKVAFWLELPHLHNLNEIFQYVSTTTKVPPDMSFPYGTRRSPA  
KIWPTTKRPAITPANNPKHSDPHKTGPEDTTVLIETKRDYSTELESVTIavgasllflnilafaalykk  
DKRRHETHRRPSPQRNTTNDIAHIQNEEIMSLQMKQLEHDHECESLQAHDTLRLTCLPPDYTLRLRRSPDD  
IPLMTPNTITMIPNTLTGMQPLHTFNTFSGGQNSTNLPHGHSTTRV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

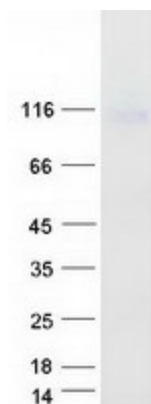
Tag:	C-Myc/DDK
Predicted MW:	91.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_065793</a>
<b>Locus ID:</b>	57502
<b>UniProt ID:</b>	<a href="#">Q8N0W4</a> , <a href="#">A0A024RBV0</a>
<b>RefSeq Size:</b>	5706
<b>Cytogenetics:</b>	Xp22.32-p22.31
<b>RefSeq ORF:</b>	2448
<b>Synonyms:</b>	ASPGX2; AUTSX2; HLNX; HNL4X; NLGN4
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	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]).