

Product datasheet for **TP307955M**

Neuroigin 3 (NLGN3) (NM_018977) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human neuroigin 3 (NLGN3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207955 protein sequence Red =Cloning site Green =Tags(s)

MWLRRLGPPSLSLSPKPTVGRSLCLTLWFLSLALRASTQAPAPT VNTHFGKLRGARVPLPSEILGPVDQYL
GVPYAAPPIGEKRFLPPEPPPYWSGIRNATHFPPVCPQNIHTAVPEVMLPVWFTANL DIVATYIQEPNED
CLYLN VYVPTEDGSGAKKQGEDLADNDGDEDEDIRDSGAKPVMVYIHGGSYMEGTGNMIDGSILASYGNV
MITLNYRVGVLGFLSTGDQAAKGN YGLLDQIQALRWVSENI AFFGGDPRRITVFGSGIGASCVSLTLS
HHSEGLFQRAIIQSGSALSSWAVNYQPVKYTSLLADKVGCVNLDTVDMVDCLRQKSAKELVEQDIQPARY
HVAFGPVIDGDVIPDDPEILMEQGEFLNYDIMLGVNQGEGLKFVEGVDPEDGVS GTFDYSVSNFVDNL
YGYPEGKDTLRETIKFMYTDWADRDNPETRRKTLVALFTDHQWVEPSVVTADLHARYGSPTYFYAFYHHC
QSLMKPAWSDAAHGDEVYVFGVPMVGPTDLFPCNFSKNDVMSAVVMTYWTNFAKTGDPNKPVPQDTKF
IHTKANRFEEVAWSKYNPRDQLYLHIGLKPRVRDHYRATKVAFWKHLVPHLYNLHDMFHYTSTTTKVPPP
DTTHSSHITRRPNGKTWSTKRPAISPAYSNENAQGSWNGDQDAGPLLVENPRDYSTELSVTIAVGASILF
LNVLAFAALYRKDKRRQEPLRQPSPQRGAWAPELGAPEEEL AALQLGPTHHECEASPPHDTLRLTALP
DYTLTLRRSPDDIPLMTPNTITMIPNSLVGLQLHPYNTFAAGFNSTGLPHSHSTTRV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

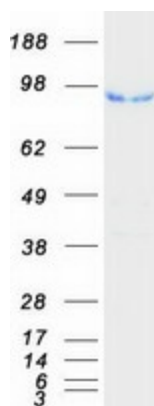
Tag:	C-Myc/DDK
Predicted MW:	91.4 kDa
Concentration:	>0.1 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity:	Cell treatment (PMID: 25913192) Cell treatment (PMID: 28959975)
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
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:	<u>NP_061850</u>
Locus ID:	54413
UniProt ID:	<u>Q9NZ94, X5D2P6, Q4G160</u>
RefSeq Size:	3935
Cytogenetics:	Xq13.1
RefSeq ORF:	2484
Synonyms:	HNL3
Summary:	This gene encodes a member of 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. Mutations in this gene may be associated with autism and Asperger syndrome. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Oct 2009]
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs)

Product images:



Coomassie blue staining of purified NLGN3 protein (Cat# [TP307955]). The protein was produced from HEK293T cells transfected with NLGN3 cDNA clone (Cat# [RC207955]) using MegaTran 2.0 (Cat# [TT210002]).