

## Product datasheet for **TP307524M**

### Neuroigin 1 (NLGN1) (NM\_014932) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human neuroigin 1 (NLGN1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207524 protein sequence Red=Cloning site Green=Tags(s)

MALPRCTWPNYVWRAVMACLVHRGLGAPLTLCLMLGCLLQAGHVLSQKLDDVDPLVATNFGKIRGIKKELN  
NEILGPVIQFLGVPYAAPPTGERRFQPPEPPSPWSDIRNATQFAPVCPQNIIDGRLPEVMLPVWFTNNLD  
VSSYVQDQSEDCLYLNIVPTEDDIRDSGGPKPVMVYIHGGSYMEGTGNLYDGSVLSYGNVIVITVNY  
RLGVLGFLSTGDQAAKGNYGLLDLIQLRWTSENIGFFGGDPLRITVFGSGAGGSCVNLTLSHYSEGNR  
WSNSTKGLFQRAIAQSGTALSSWAVSFQPAKYARMLATKVGCVNSDVELVECLQKKPYKELVDQDIQPA  
RYHIAFGPVIDGDVIPDDPQILMEQGEFLNYDIMLGVNQGEGLKFVENIVSDDDGISASDFDFAVSNFVD  
NLYGYPEGKDLVRETIFMYTDWADRHNHPETRRKTLALFTDHWVAVATADLHSNFGSPTYFYAFYH  
HCQTDQVPAWADAAHGDEVYVGLGIPMIGPTELFPCNFSKNDVMLSAVVMTYWTNFAKTGDPNPVQDPT  
KFIHTKPNRFEEVAWTRYSQKDQLYLHIGLKPRVKEHYRANKVNLWLELVPHLHNLNDISQYTSTTTKVP  
STDITFRPTRKNSVPVTSAPPTAKQDDPKQPPSPFVSDQRDYSVELSVTIAVGASLLFLNILAFAALYYK  
KDKRRHDVHRRCSPPQRTTTNDLTHAQEEEIMSLQMKHTDLDECEHSIHPHEVLRACPPDYTLAMRRSP  
DDVPLMTPNTITMIPNTIPGIQPLHTFNTFTGGQNNLTPHPHPHSHSTTRV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

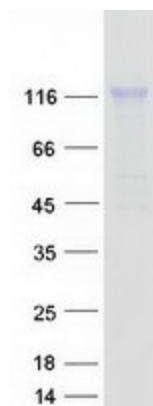
Tag:	C-Myc/DDK
Predicted MW:	91.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_055747</a>
<b>Locus ID:</b>	22871
<b>UniProt ID:</b>	<a href="#">Q8N2Q7</a>
<b>RefSeq Size:</b>	4947
<b>Cytogenetics:</b>	3q26.31
<b>RefSeq ORF:</b>	2469
<b>Synonyms:</b>	NL1
<b>Summary:</b>	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. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Cell adhesion molecules (CAMs)

### Product images:



Coomassie blue staining of purified NLGN1 protein (Cat# [TP307524]). The protein was produced from HEK293T cells transfected with NLGN1 cDNA clone (Cat# [RC207524]) using MegaTran 2.0 (Cat# [TT210002]).