

Product datasheet for TP307524

Neuroigin 1 (NLGN1) (NM_014932) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human neuroigin 1 (NLGN1), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC207524 protein sequence
 Red=Cloning site Green=Tags(s)

MALPRCTWPNYVWRAVMACLVHRGLGAPLTLCLMLGCLLQAGHVLSQKLDDVDPLVATNFGKIRGIKKELN
 NEILGPVIQFLGVPYAAPPTGERRFQPPEPPSPWSDIRNATQFAPVCPQNIIDGRLPEVMLPVWFTNNLD
 VVSSYVQDQSEDCLYLNIVPTEDDIRDSGGPKPVMVYIHGGSYMEGTGNLYDGSVLSYGNVIVITVNY
 RLGVLGFLSTGDQAAKGNYGLLDLIQLRWTSENIGFFGGDPLRITVFGSGAGGSCVNLTLSHYSEGNR
 WSNSTKGLFQRAIAQSGTALSSWAVSFQPAKYARMLATKVGCVNSDVELVECLQKKPYKELVDQDIQPA
 RYHIAFGPVIDGDVIPDDPQILMEQGEFLNYDIMLGVNQGEGLKFVENIVSDDDGISASDFDFAVSNFVD
 NLYGYPEGKDLVRETIFMYTDWADRHNHPETRRKTLALFTDHWVAVATADLHSNFGSPTYFYAFYH
 HCQTDQVPAWADAAHGDEVYVGLGIPMIGPTELFPCNFSKNDVMLSAVVMYWTNFAKTGDPNPVQPD
 KFIHTKPNRFEEVAWTRYSQKDQLYLHIGLKPRVKEHYRANKVNLWLELVPHLHNLNDISQYTTSTTKVP
 STDITFRPTRKNSVPVTSAPPTAKQDDPKQPPSPFSVDQRDYSVELSVTIAVGASLLFLNILAFAALYYK
 KDKRRHDVHRRCSPPQRTTTNDLTHAQEEEEIMSLQMKHTDLDECESIHPHEVLRACPPDYTLAMRRSP
 DDVPLMTPNTITMIPNTIPGIQLHTFNTFTGGQNNTLPHPHPHSHSTTRV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

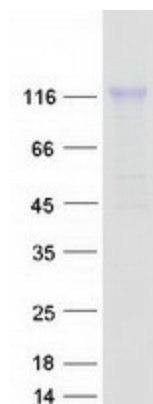
Tag: C-Myc/DDK
Predicted MW: 91.8 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity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