

Recombinant Human NLGN1 Protein, GST-tagged

Cat. No. NLGN1-5909H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NLGN1 full-length ORF (NP_055747.1, 1 a.a. - 823 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	118.4 kDa
AA Sequence	MALPRCTWPNYVWRAVMACLVHRGLGAPLTLCLMLGCLLQAGHVLSQKLDDVDPLV ATNFGKIRGIKKELNNEILGPVIQFLGVPYAAPPTGERRFQPPEPPSPWSDIRNATQF APVCPQNIIDGRLPEVMLPVWFTNNLDVVSSYVQDQSEDCLYLNIYVPTEDDIRDSG GPKPVMVYIHGGSYMEGTGNLYDGSVLASYGNVIVITVNYRLGVLGFLSTGDQAAK GNYGLLDLIQALRWTSNIGFFGGDPLRITVFGSGAGGSCVNLLTLSHYSEGNRWS NSTKGLFQRAIAQSGTALSSWAVSFQPAKYARMLATKVGCNVSDTVELVECLQKKP YKELVDQDIQPARYHIAFGPVIDGDVIPDDPQILMEQGEFLNYDIMLGVNQGEGLKFV ENIVDSDDGISASDFDFAVSNFVDNLYGYPEGKDVLRETIKFMYTDWADRHNPEPTRR KTLALFTDQWVAPAVATADLHSNFGSPTYFYAFYHHCQTDQVPAWADAAHGDE VPYVLGIPMIGPTELFPCNFSKNDVMLSAVVMTYWTNFAKTGDPNQVPVPQDTKFIHT

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KPNRFEEVAWTRYSQKDQLYLHIGLKPRVKEHYRANKVNLWLELVPHLHNLNDISQ
 YTSTTTKVPSTDITFRPTRKNSVPVTSAPFTAKQDDPKQQPSPFSVDQRDYSTELSV
 TIAVGASLLFLNILAFAALYYKKDKRRHDVHRRRCSPQRTTTNDLTHAQEEEIMSLQMK
 HTDLDHECESIHPHEVVLRTACPPDYTLAMRRSPDDVPLMTPNTITMIPNTIPGIQPL
 HTFNTFTGGQNNTLPHPHPHPHSHSTTRV

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[NLGN1 neuroligin 1 \[Homo sapiens \]](#)

Official Symbol

[NLGN1](#)

Synonyms

NLGN1; neuroligin 1; neuroligin-1; KIAA1070; NL1; MGC45115;

Gene ID

[22871](#)

mRNA Refseq

[NM_014932](#)

Protein Refseq

[NP_055747](#)

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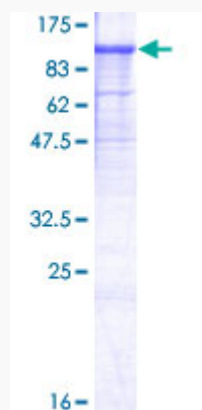
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MIM 600568

UniProt ID Q8N2Q7

Quality Control
Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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