

Recombinant Full Length Human NLGN1 Protein, GST-tagged

Cat. No. NLGN1-6710HF **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	In Vitro Cell Free System
ProteinLength	823 amino acids
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	MALPRCTWPNYVWRAVMACLVHRGLGAPLTLCMLGCLLQAGHVLSQKLDDVDPLV ATNFGKIRGIKKELNNEILGPVIQFLGVPYAAPPTGERRFQPPEPPSPWSDIRNATQF APVCPQNIIDGRLPEVMPLPVWFTNNLDVVSSYVQDQSEDCLYLNIYVPTEDDIRDSG GPKPVMVYIHGGSYMEGTGNLYDGSVLASYGNVIVITVNYRLGVLGFLSTGDQAAK GNYGLLDLIQALRWTSENIGFFGGDPLRITVFGSGAGGSCVNLLTLSHYSEGNRWS NSTKGLFQRAIAQSGTALSSWAVSFQPAKYARMLATKVGCNVSDTVELVECLQKKP YKELVDQDIQPARYHIAFGPVIDGDVIPDDPQILMEQGEFLNYDIMLGVNQGEGLKFV ENIVDSDDGISASDFDFAVSNFVDNLYGYPEGKVDLRETIKFMYPDWADRHNPEPTRR KTLALFTDQHWVAPAVATADLHSNFGSPTYFYAFYHHCQTDQVPAWADAAHGDE

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VPYVLGIPMIGPTELFPCNFSKNDVMLS AVVM TYWTNFAKTGDPNQVPVQDTKFIHT
 KPNRFEEVAWTRYSQKDQLYLHIGLKPRVKEHYRANKVNLWLELVPHLHNLNDISQ
 YTSTTTKVPSTDITFRPTRKNSVPVTS AFPTAKQDDPKQQPSPFSVDQRDYSTE LSV
 TIAVGASLLFLNILAFAALYYKKDKRRHDVHRR CSPQRTTTNDLTHAQEEEEIMSLQMK
 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 [neuroigin 1 \[Homo sapiens \]](#)

Official Symbol

[NLGN1](#)

Synonyms

NLGN1; neuroigin 1; neuroigin-1; KIAA1070; NL1; MGC45115;

Gene ID

[22871](#)

mRNA Refseq

[NM_014932](#)

Protein Refseq

[NP_055747](#)

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MIM	600568
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UniProt ID	Q8N2Q7
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