

Recombinant Full Length Human NLGN3 Protein, GST-tagged

Cat. No. NLGN3-6712HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NLGN3 full-length ORF (AAH51715.1, 1 a.a. - 828 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	828 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. Mutations in this gene may be associated with autism and Asperger syndrome. Multiple transcript variants encoding distinct isoforms have been identified for this gene, but their full length sequences have not been determined. [provided by RefSeq]
Molecular Mass	118.2 kDa
AA Sequence	MWLRLGPPSLSLSPKPTVGRSLCLTLWFLSLALRASTQAPAPT VNTHFGKLRGARV PLPSEILGPVDQYLGV PYAAPP IGEKRFLPPEPPPYWSGIRNATHFPPVCPQNIHTAV PEVMLPVWFTANLDIVATYIQEPNEDCLYLN VYVPTEDGSGAKKQGEDLADNDGDE DEDIRDSGAKPVMVYIHGGSYMEGTGNMIDGSILASYGNVIVITLNYRVGV LGFLSTG DQAAKGN YGLLDQIQALRWVSENI AFFGGDPRRITVFGSGIGASCVSLLTLSHHSEG LFQRAIIQSGSALSSWAVNYQPVKYTSLLADKVG CNVLDTVDMVDCLRQKSAKELVE QDIQPARYHVAFGPVIDGDVIPDDPEILMEQGEFLNYDIMLG V NQGEGLKFVEGVVD

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PEDGVSGTDFDYSVSNFVDNLYGYPEGKDTLRETIKFMYPDWADRDNPETRRKTLV
 ALFTDHQWVEPSVVTADLHARYGSPTYFYAFYHHCQSLMKPAWSDAAHGDEVYV
 FGVPVMVGPTDLFPCNFSKNDVMLS AVVMTYWTNFAKTGDPNKPVPQDTKFIHTKAN
 RFEEVAWSKYNPRDQLYLHIGLKPRVRDHYRATKVAFWKHLVPHLYNLHDMFHYS
 TTTKVPPPDTHSSHITRRPNGKTWSTKRPAISPAYS NENAQGSWNGDQDAGPLL
 ENPRDYSTELSVTIAGSILFLNLFAAALYYRKDKRRQEPLRQSPQRGAWAPEL
 GAAPEEELAAQLGPTHHECEASPPHDTLRLTALPDYTLTLRRSPDDIPLMTPNTITM
 IPNSLVGLQTLHPYNTFAAGFNSTGLPHSHSTTRV

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

NLGN3 neuroligin 3 [Homo sapiens]

Official Symbol

NLGN3

Synonyms

NLGN3; neuroligin 3; neuroligin-3; ASPGX1; AUTSX1; HNL3; KIAA1480; gliotactin homolog;

Gene ID

54413

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mRNA Refseq	NM_001166660
Protein Refseq	NP_001160132
MIM	300336
UniProt ID	Q9NZ94

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