

Recombinant Human NLGN3 Protein, GST-tagged

Cat. No. NLGN3-5911H **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	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. 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	MWLR LGPPSLSLSPKPTVGRSLCLTLWFLSLALRASTQAPAPTVNTHFGKLRGARV PLPSEILGPVDQYLGVPYAAPPIGEKRFLPPEPPPYWSGIRNATHFPPVCPQNIHTAV PEVMLPVWFTANLDIVATYIQEPNEDCLYLNYYVPTEDGSGAKKQGEDLADNDGDE DEDIRDSGAKPVMVYIHGGSYMEGTGNMIDGSILASYGNVIVITLNYRVGVLGFLSTG DQAAKGNYGLLDQIQALRWVSENIAFFGGDPRRITVFGSGIGASCVSLLTLSSHSEGL LFQRAIIQSGSALSSWAVNYQPVKYTSLLADKVGCVNLDTVDMVDCLRQKSAKELVE QDIQPARYHVAFGPVIDGDVIPDDPEILMEQGEFLNYDIMLGVNQGEGLKFVEGVVD PEDGVSGTDFDYSVSNFVDNLYGYPEGKDTLRETIKFMYPDWDARDNPETRRKTLV

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ALFTDHQWVEPSVVTADLHARYGSPTYFYAFYHHCQSLMKPAWSDAAHGDEVPIYV
 FGVPMTVGPTDLFPCNFSKNDVMLS AVVMTYWTNFAKTGDPNKPVPQDTKFIHTKAN
 RFEEVAWSKYNPRDQLYLHIGLKPRVRDHYRATKVAFWKHLVPHLYNLHDMFHYTS
 TTTKVPPPDTHSSHITRRPNGKTWSTKRPAISPAYS NENAQGSWNGDQDAGPLL V
 ENPRDYSTELSVTIAVGASILFLNLFAAALYYRKDKRRQEPLRQSPQRGAWAPEL
 GAAPEEEELAAQLGPTHHECEASPPHDTLRLTALPDYTLTLRRSPDDIPLMTPNTITM
 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](#)

mRNA Refseq

[NM_001166660](#)

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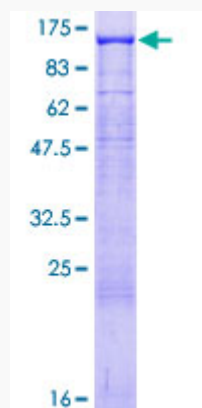
 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq NP_001160132

MIM 300336

UniProt ID Q9NZ94

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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