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	MWLRLGPPSLSLSPKPTVGRSLCLTLWFLSLALRASTQAPAPTVNTHFGKLRGARV PLPSEILGPVDQYLGVPYAAPPIGEKRFLPPEPPPYWSGIRNATHFPPVCPQNIHTAV PEVMLPVWFTANLDIVATYIQEPNEDCLYLNVYVPTEDGSGAKKQGEDLADNDGDE DEDIRDSGAKPVMVYIHGGSYMEGTGNMIDGSILASYGNVIVITLNYRVGVLGFLSTG DQAAKGNYGLLDQIQALRWVSENIAFFGGDPRRITVFGSGIGASCVSLLTLSHHSEG LFQRAIIQSGSALSSWAVNYQPVKYTSLLADKVGCNVLDTVDMVDCLRQKSAKELVE QDIQPARYHVAFGPVIDGDVIPDDPEILMEQGEFLNYDIMLGVNQGEGLKFVEGVVD PEDGVSGTDFDYSVSNFVDNLYGYPEGKDTLRETIKFMYTDWADRDNPETRRKTLV

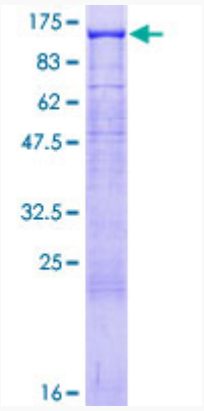
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	ALFTDHQWVEPSVVTADLHARYGSPTYFYAFYHHCQSLMKPAWSDAAHGDEVPYV FGVPMVGPTDLFPCNFSKNDVMLSAVVMTYWTNFAKTGDPNKPVPQDTKFIHTKAN RFEEVAWSKYNPRDQLYLHIGLKPRVRDHYRATKVAFWKHLVPHLYNLHDMFHYTS TTTKVPPPDTTHSSHITRRPNGKTWSTKRPAISPAYSNENAQGSWNGDQDAGPLLV ENPRDYSTELSVTIAVGASILFLNVLAFAALYYRKDKRRQEPLRQPSPQRGAWAPEL GAAPEEELAALQLGPTHHECEASPPHDTLRLTALPDYTLTLRRSPDDIPLMTPNTITM 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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Protein Refseq	NP_001160132
MIM	300336
UniProt ID	Q9NZ94
Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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