

Recombinant Human NLGN3 Protein, His-tagged

Cat. No. NLGN3-393H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NLGN3 protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	848
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.
Form	Lyophilized
Molecular Mass	74.4 kDa
AA Sequence	MWLRLGPPSLSLSPKPTVGRSLCLTLWFLSLALRASTQAPAPT VNTHFGKLRGARV PLPSEILGPVDQYLGVPYAAPPIGEKRFLPPEPPPSWSGIRNATHFPPVCPQNIHTAV PEVMLPVWFTANLDIVATYIQEPNEDCLYLN VYVPTEDVKRISKECARKPNKKICRKG GSGAKKQGEDLADNDGDEDEDIRD SGAKPVMVYIHGGSYMEGTGNMIDGSILASYG NVIVITLNYRVGV LGFLSTGDQAAKGN YGLLDQIQALRWVSENI AFFGGDPRRITVFG SGIGASCVSLLT LSHHSEGLFQRAIQSGSALSSWAVNYQPVKYTSLLADKVG CNVL

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DTVDMVDCLRQKSAKELVEQDIQPARYHVAFGPVIDGDVIPDDPEILMEQGEFLNYDI
MLGVNQGEGLKFVEGVVDPEDGVSGTDFDYSVSNFVDNLYGYPEGKDTLRETIKFM
YTDWADRDNPETRRKTLVALFTDHQWVEPSVVTADLHARYGSPTYFYAFYHHCQS
LMKPAWSDAAHGDEVYVFGVPMVGPTDLFPCNFSKNDVMLSAVVMYWTNFAKT
GDPNKPVPQDTKFIHTKANRFEEVAWSKYNPRDQLYLHIGLKPRVRDHYRATKVAF
WKHLVPHLYNLHDMFHYTSTTTKVPPDTHSSHITRRPNGKTWSTKRPAISPAYSN
ENAQGSWNGDQDAGPLLVENPRDYSTELSVTIAVGASLLFLNVLAFAALYYRKDKR
RQEPLRQPSPQRGAGAPELGAAPEEELAAQLGPTHHECEAGPPHDTLRLTALPDY
TLTLRRSPDDIPLMTPNTITMIPNSLVGLQTLHPYNTFAAGFNSTGLPHSHSTTRV

Purity > 98%

Applications WB; ELISA; FACS; FC

Stability This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

Storage At -20 centigrade.

Concentration 1 mg/mL

Storage Buffer PBS (pH 7.4-7.5). Sterile-filtered colorless solution.

Reconstitution Reconstitute in sterile distilled H₂O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

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Gene Name	NLGN3 neuroligin 3 [Homo sapiens (human)]
Official Symbol	NLGN3
Synonyms	NLGN3; neuroligin 3; neuroligin-3; ASPGX1; AUTSX1; HNL3; KIAA1480; gliotactin homolog;
Gene ID	54413
mRNA Refseq	NM_001166660
Protein Refseq	NP_001160132
MIM	300336
UniProt ID	Q9NZ94

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