

Product datasheet for TP522086

Nlgn3 (NM_172932) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse neuroligin 3 (Nlgn3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR222086 representing NM_172932
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MWLQPSLSLSPTPTVGRSLCLTLGFLSLVLRASQTAPAPTVENTHFGKLRGARVPLPSEILGPVDQYLGV
YAAPPIGEKRFLPPEPPPSWSGIRNATHFPPVCPQNIHTAVPEVMLPVWFTANLDIVATYIQEPNEDCLY
LNVYVPTEDGSGAKKQGEDLADNDGDEDEDIRDSGAKPVMVYIHGGSYMEGTGNMIDGSVLASYGNVIM
TLNRYVGVGLGFLSTGDQAAKGNYGLLDQIQALRWVSENIFFGGDPRRITVFGSGIGASCVSLTSLSHS
EGLFQRAIIQSGSALSSWAVNYQPVKYTSLADKVGCVLDTVDMVDCLRQKSAKELVEQDIQPARYHVA
FGPVIDGDVIPDDPEILMEQGEFLNYDIMLGVNQGEGLKFVEGVDPEDGVSGETDFDYSVSNFVDNLYGY
PEGKDTLRETIKFMYTDWADRDNPETRRKTLVALFTDHQWVEPSVVTADLHARYGSPTYFYAFYHHCQSL
MKPAWSDAAHGDEVYVFGVPMVGPTDLFPCNFSKNDVMLSAVVMYWTNFAKTGDPNPKVPQDTKFIHT
KANRFEVAVSKYNPRDQLYLHIGLKPRVRDHYRATKVAFWKHLVPHLYNLHDMFHYTSTTTKVPPDPTT
HSSHITRRPNGKTWSTKRPAISPAYSNENAPGSWNGDQDAGPLLVENPRDYSTELSVTIAVGASLLFLNV
LAFALYYRKDKRRQEPLRQSPQRGTGAPELGTAPEEELAAALQLGPTHHECEAGPPHDTLRLTALPDYT
LTLRRSPDDIPLMTPNTITMIPNSLVGLQTLHPYNTFAAGFNSTGLPHSHSTTRV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	91.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_766520</u>
Locus ID:	245537
UniProt ID:	<u>Q8BYM5</u>
RefSeq Size:	3899
Cytogenetics:	X D
RefSeq ORF:	2475
Synonyms:	A230085M13Rik; HNL3; NL3; NLG3
Summary:	Cell surface protein involved in cell-cell-interactions via its interactions with neurexin family members. Plays a role in synapse function and synaptic signal transmission, and probably mediates its effects by recruiting and clustering other synaptic proteins. May promote the initial formation of synapses, but is not essential for this. May also play a role in glia-glia or glia-neuron interactions in the developing peripheral nervous system.[UniProtKB/Swiss-Prot Function]