

## Product datasheet for **TP314651M**

### Neurologin 4 (NLGN4Y) (NM\_014893) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human neurologin 4, Y-linked (NLGN4Y), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC214651 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MLRPQGLLWLP LLFTSVCV MLNSNVLLWITALAIKFTLIDSQAQYPVWNTNYGKIQGLRTPLPSEILGPV  
EQYLGVPYASPTGERRFQPPESSWTGIRNATQFSAVCPQH LDERFLLHDM LPIWFTTSLDTLMTYVQ  
DQNE DCLYLN IYVPMEDDIHEQNSKKPVMVYIHGGSYMEGTGNMIDGSILASYGNVIVITINYRLGILGF  
LSTGDQAAKGNYG LLDQIQALRWIEENVGAFGGDPKRVTIFGSGAGASCVSLLT LSHYSEGLFQKAIQS  
GTALSSWAVNYQPAKYTRILADKVG CNMLD TTD MVECLKNKNYKELIQQTITPATYHIAFGPVIDGDVIP  
DDPQILMEQGEFLNYDIMLG V NQGEGLKFVDGIVDNEDGVTPNDFDFSVSNFVDNLYGYPEGKDTLRETI  
KFMYTDWADKENPETRRKTLVALFTD HQWVAPAVATADLHAQYGSPTYFYAFYHHCQSEMKPSWADSAHG  
DEVYVFGIPMIGPT ELFS CNF SKNDVMLS AVMTYWTNFAKTGDPNQVPQDTKFIHTKPNRFEEVAWS  
KYNPKDQLYLHIGLKPRVRDHYRATKVAFWLEL VPHLHNLNEIFQYVSTTTKVPPD MTSFPYGTRRSPA  
KIWPTTKRPAITPANNPKH SKDPHKTGPEDTTVLIETKR DYSTELSVTI AVGASLLFLNIFAALYYKK  
DKRRHETHRHSPQRNTTNDITHIQNEEIMSLQMKQLEHDHECESLQAHD LRLT C PPDYTL LRRSPDD  
IPFMT PNTITMIPNTLMGMQPLHTFKTFSGGQNSTNLPHGHSTTRV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

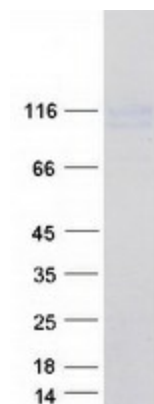
Tag:	C-Myc/DDK
Predicted MW:	91.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_055708</a>
<b>Locus ID:</b>	22829
<b>UniProt ID:</b>	<a href="#">Q8NFZ3</a> , <a href="#">A0A024R9E7</a>
<b>RefSeq Size:</b>	5409
<b>Cytogenetics:</b>	Yq11.221
<b>RefSeq ORF:</b>	2448
<b>Synonyms:</b>	HNL4Y
<b>Summary:</b>	This gene encodes a type I membrane protein that belongs to the family of neuroligins, which are cell adhesion molecules present at the postsynaptic side of the synapse, and may be essential for the formation of functional synapses. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Mar 2011]
<b>Protein Families:</b>	Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified NLGN4Y protein (Cat# [TP314651]). The protein was produced from HEK293T cells transfected with NLGN4Y cDNA clone (Cat# [RC214651]) using MegaTran 2.0 (Cat# [TT210002]).