

Product datasheet for **RC214651A1V**

Human Neuroligin 4 (NLGN4Y) (NM_014893) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Neuroligin 4 (NLGN4Y) (NM_014893) AAV Particle
Tag:	Myc-DDK
Symbol:	NLGN4Y
Synonyms:	HNL4Y
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC214651 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGTTGCGTCCCCAGGGACTGCTATGGCTCCCTTTGTTGTTACCTCTGTCTGTGTCATGTTAACTCCA
ATGTTCTTCTGTGGATAACTGCTCTTGCCATCAAGTTCACCCTATTGACAGCCAAGCACAGTATCCAGT
TGTCACACAAATTATGGTAAAAATCCAGGGCCTAAGAACCATTACCCAGTGAGATCTTGGGTCCAGTG
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CATCCTCTGGACTGGCATCCGAAATGCTACTCAGTTTTCTGCTGTGTGCCCCAGCACCTGGATGAAAG
ATTCTTATGTCATGACATGCTGCCCCTGTTTACCACCAGTTTGATACTTTGATGACCTATGTTCAA
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AGAACGACGTCATGCTCAGTGCCGTGGTATGACCTACTGGACGAATTCGCCAAACTGGTGATCCAAA
CCAACCAAGTTCCTCAGGATACCAAGTTCATTACATAAAACCAATCGCTTTGAAGAAGTGGCCTGGTCC
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CACCATTGCCGTGGGGCGTGGCTCCTCTTCTCAACATCTTAGCCTTTGCGGCGCTGTACTACAAAAG
GACAAGAGGGCCCATGAGACTCACAGGCACCCAGTCCCAGAGAAACACCACAAATGATATCACTCACA
TCCAGAACGAAGAGATCATGTCTCTGCAGATGAAGCAGCTGGAACACGATCACGAGTGTGAGTCGCTGCA
GGCACACGACACGCTGAGGCTCACCTGCCCTCCAGACTACACCCTCACGCTGCGCCGGTCGCCGGATGAC
ATCCCATTATGACGCCAAACACCATCACCATGATTCCAACACATTGATGGGGATGCAGCCTTTACACA
CTTTTAAACCTTCAGTGGAGGACAAAACAGTACAAATTTACCCACGGACATTCCACCACTAGAGTA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC214651 protein sequence Red=Cloning site Green=Tags(s) MLRPQGLLWPLLLFTSVCVMLNSNVLLWITALAIKFTLIDSQAQYPVVNTNYGKIQGLRTPLPSEILGPV EQYLGVPYASPTGERRFQPPESPSSWTGIRNATQFSVCPQHLDERFLLHDMPLWFTTSLDTLMTYVQ DQNEDECLYLNIVPMEDDIHEQNSKKPVMVYIHGGSYMEGTGNMIDGSILASYGNVIVITINYRLGILGF LSTGDQAAKGNYGLLDQIQALRWIEENVGAFGGDPKRVTFGSGAGASCVSLLTLSHYSEGLFQKAIQS GTALSSWAVNYQPAKYTRILADKVGCMMLDTTDMVECLKNKNYKELIQQTITPATYHIAFGPVIDGDVIP DDPQILMEQGEFLNYDIMLGVNQGEGLKFVDGIVDNEDGVTPNDFDFSVSNFVDNLYGYPEGKDTLRETI KFMYTWDADKENPETRRKTLVALFTDHQWVAPAVATADLHAQYGSPTYFYAFYHHCQSEMKPSWADSAHG DEVYVYFGIPMIGPTLFCNFSKNDVMLSAVVMYWTNFAKTGDPNQVPVQDTKFIHTKPNRFEEVAWS KYNPKDQLYLHIGLKPRVRDHYRATKVAFWLELVPHLHNLNEIFQYVSTTTKVPPDMTSFPYGTTRSPA KIWPTTKRPAITPANNPKHSDPHKTGPEDTTVL IETKRDYSTELSVTIAVGASLLFLNILAFAALYYKK DKRRHETHRHPSQRNTTNDITHIQNEEIMSLQMKQLEHDHECESLQAHDTRLRLTCPDPYTLTLRRSPDD IPFMTPTNTITMIPNTLMGMQPLHTFKTFSGGQNSTNLPHGHSTTRV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014893
ORF Size:	2448 bp
Buffer:	PBS with 0.001% Pluronic F7249
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	NM_014893.2 , NP_055708.3
RefSeq Size:	5409 bp
RefSeq ORF:	2451 bp
Locus ID:	22829
UniProt ID:	Q8NFZ3
Cytogenetics:	Yq11.221
MW:	92 kDa