

Product datasheet for **RC207524A1V**

Human Neuroligin 1 (NLGN1) (NM_014932) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Neuroligin 1 (NLGN1) (NM_014932) AAV Particle
Tag:	Myc-DDK
Symbol:	NLGN1
Synonyms:	NL1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207524 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCACTGCCAGATGCACGTGGCCAAATTATGTTTGGAGAGCAGTGATGGCATGCTTGGTACACCGGG
GATTGGGTGCCCCATTGACTCTCTGTATGTTGGGATGTTTGCTTCAGGCTGGCCATGTGCTATCACAAAA
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TCAACTGACATCACTTTACAGCTACGAGAAAAAATCTGTACCTGTACGTCAGGCTTTCCCACTGCCA
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GATGATGTTCCCTTAATGACACCCAACACCATTAATGATTCCCAACACTATACCAGGGATTACAGCCCT
TACACACATTCAATACATTTACTGGAGGACAGAACAATACTCTGCCCCATCCCCATCCCCACCCCATTC
ACATTCACAACCAAGGTA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC207524 protein sequence Red=Cloning site Green=Tags(s) MALPRCTWPNYVWRVMAACL VHRGLGAPLTLCMLGCLLQAGHVLSQKLDDVDPLVATNFGKIRGIKKELN NEILGPVIQFLGVPYAAPPTGERRFQPPEPPSPWSDIRNATQFAPVCPQNIIDGRLPEVMLPVWFTNNLD VYSSYVDQSEDCLYLNIVPTEDDIRDSGGPKPVMVYIHGGSYMEGTGNLYDGSVLASYGNVIVITVNY RLGVLGFLSTGDQAAGNYGLLDLIQALRWTSNIGFFGGDPLRITVFGSGAGGSCVNLLTL SHYSEGNR WSNSTKGLFQRAIAQSGTALSSWAVSFQPAKYARMLATKVGCNVSDTVELVECLQKKPYKELVDQDIQPA RYHIAFGPVIDGDVIPDDPQILMEQGEFLNYDIMLGVNQGEGLKFVENIVDSDDGISASDFDFAVSNFVD NLGYPEGKDVLRETIKFMYTDWADRHNPETRRKTLALFTDHQWVAPAVATADLHSNFGSPTYFYAFYH HCQTDQVPAWADAAHGDEVYVLGIPMIGPTELFPCNFSKNDVMSAVVMTYWTNFAKTGDPNQVPVQDT KFIHTKPNRFEEVAVTRYSDQDQLYLHIGLKPRVKEHYRANKVNLWLELVPHLHNLNDISQYTSTTTKVP STDITFRPTRKNSVPVTSAPFTAKQDDPKQSPFSVDQRDYSTEISVTIAGVALLFLNILAFAALYYK KDKRRHDVHRCSPQRTTTNDLTHAQEEEIMSLQMKHTDLHECESIHPHEVVLRTACPPDYTLAMRRSP DDVPLMTPNTITMIPNTIPGIQLHTFNTFTGGQNNTLPHPHPHSHSTTRV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014932
ORF Size:	2469 bp
Buffer:	PBS with 0.001% Pluronic F6080
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_014932.2
RefSeq Size:	4947 bp
RefSeq ORF:	2472 bp
Locus ID:	22871
UniProt ID:	Q8N2Q7
Cytogenetics:	3q26.31
MW:	92 kDa