

Product datasheet for **RC204671A1V**

Human Neuroligin 4 (NLGN4X) (NM_181332) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Neuroligin 4 (NLGN4X) (NM_181332) AAV Particle
Tag:	Myc-DDK
Symbol:	NLGN4X
Synonyms:	ASPGX2; AUTSX2; HLNX; HNL4X; NLGN4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204671 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGTCACGGCCCCAGGGACTGCTATGGCTTCCTTTGTTGTTACCCCGGTCTGCGTCATGTTAACTCCA
ATGTCCTCCTGTGGTTAACTGCTCTGCCATCAAGTTCACCCTATTGACAGCCAAGCACAGTATCCAGT
TGTCACACAAATTATGGCAAAATCCGGGGCCTAAGAACACCGTTACCCAATGAGATCTTGGGTCCAGTG
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CAGCATTTTGGCAAGCTACGGAACGTCATTGTGATCACCATTAACTACCGTCTGGGAATACTAGGGTTT
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TCAACCAGTTCCTCAGGATACCAAGTTCATTACACAAAACCCAAACCGCTTTGAAGAAGTGGCCTGGTCC
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TCCAGAACGAAGAGATCATGTCTCTGCAGATGAAGCAGCTGGAACACGATCACGAGTGTGAGTCGCTGCA
GGCACACGACACTGAGGCTCACCTGCCCGCCAGACTACACCTCACGCTGCGCCGGTCGCCAGATGAC
ATCCCCTTATGACGCCAAACACCATCACCATGATTCCAACACACTGACGGGGATGCAGCCTTTGCACA
CTTTTAACACCTTCAGTGGAGGACAAAACAGTACAAATTTACCCACGGACATTCCACCACTAGAGTA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC204671 protein sequence Red=Cloning site Green=Tags(s) MSRPQGLLWPLLLFTPCVMLNSNVLLWLTALAIKFTLIDSQAQYPVVNTNYGKIRGLRTPLPNEILGPV EQYLGVPYASPTGERRFQPEPPSSWTGIRNTTQFAAVCPQHLDERSLLHDMPLWFTANLDTLMTYVQ DQNEDECLYLNIVPTEDDIHQNSKKPMVYIHGGSYMEGTGNMIDGSILASYGNVIVITINYRLGILGF LSTGDQAAKGNYGLLDQIQALRWIEENVGAFGGDPKRVTFGSGAGASCVSLLTLSHYSEGLFQKAIQS GTALSSWAVNYQPAKYTRILADKVGCMMLDTTDMVECLRNKNYKELIQQTITPATYHIAFGPVIDGDVIP DDPQILMEQGEFLNYDIMLGVNQGEGLKFVDGIVDNEDGVTPNDFDFSVSNFVDNLYGYPEGKDTLRETI KFMYTWDADKENPETRRKTLVALFTDHQWVAPAVATADLHAQYGSPTYFYAFYHHCQSEMKPSWADSAHG DEVPPYVFGIPMIGPTLFCNFSKNDVMLSAVVMTYWTNFAKTGDPNQVPVQDTKFIHTKPNRFEEVAWS KYNPKDQLYLHIGLKPRVRDHYRATKVAFWLELVPHLHNLNEIFQYVSTTTKVPPPDMSFPYGTTRSPA KIWPPTTKRPAITPANNPKHSDPHKTGPEDTTVL IETKRDYSTELSVTIAVGASLLFLNILAFAALYYKK DKRRHETHRRPSPQRNTNDIAHIQNEEIMSLQMKQLEHDHECESLQAHDTRLRLTCPDPYTLTLRRSPDD IPLMTPNTITMIPNTLTGMQPLHTFNTFSGGQNSTNLPHGHSTTRV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_181332
ORF Size:	2448 bp
Buffer:	PBS with 0.001% Pluronic F5596
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_181332.1
RefSeq Size:	5889 bp
RefSeq ORF:	2451 bp
Locus ID:	57502
UniProt ID:	Q8N0W4
Cytogenetics:	Xp22.32-p22.31
MW:	91.9 kDa