

Product datasheet for **RC206550A1V**

Human Nkx2.5 (NKX2-5) (NM_004387) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Nkx2.5 (NKX2-5) (NM_004387) AAV Particle
Tag:	Myc-DDK
Symbol:	Nkx2.5
Synonyms:	CHNG5; CSX; CSX1; HLHS2; NKX2.5; NKX2E; NKX4-1; VSD3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC206550 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTTCCCCAGCCCTGCTCTCAGCCCCACGCCCTTCTCAGTCAAAGACATCCTAAACCTGGAACAGCAGC
AGCGCAGCCTGGCTGCCGCCGAGAGCTCTCTGCCCGCCTGGAGGCGACCCTGGCGCCCTCCTCTGCAT
GCTGGCCGCCTTCAAGCCAGAGGCCTACGCTGGGCCGAGGCGGCTGCGCCGGCCTCCAGAGCTGCGC
GCAGAGCTGGGCCGCGCGCCTTACCGGCCAAGTGTGCGTCTGCCTTTCCCGCCGCCCGCCTTCTATC
CACGTGCCTACAGCGACCCGACCCAGCCAAGGACCCTAGAGCCGAAAAGAAAGAGCTGTGCGCGCTGCA
GAAGGCGGTGGAGCTGGAGAAGACAGAGGCGGACAACGCGGAGCGGCCCGGGCGCGACGCGGAGGAAG
CCGCGCGTGCTCTTCTCGCAGGCGCAGGTCTATGAGCTGGAGCGCGCTTCAAGCAGCAGCGGTACCTGT
CGGCCCCGAACGCGACCACTGGCCAGCGTGCTGAAACTCACGTCCACGCAGGTCAAGATCTGTTTCCA
GAACCGGCGCTACAAGTGCAAGCGGCAGCGGCAGGACCAGACTCTGGAGCTGGTGGGCTGCCCGGCCG
CCGCGCCCGCTGCCCGCAGGATCGCGGTGCCAGTGCTGGTGCAGATGGCAAGCCATGCCTAGGGGACT
CGGCGCCCTACGCGCTGCCTACGGCGTGGGCTCAATCCCTACGGTTATAACGCCTACCCCGCCTATCC
GGGTTACGGCGCGCGGCTGCAGCCCTGGCTACAGCTGCACTGCCGCTTACCCCGCGGGCCTTCCCCA
GCGCAGCCGGCACTGCCCGCCCAACAACAATTCTGTAACCTCGGCGTCGGGACTTGATGCGGTTT
AGAGCCCCGGGATTCCGACAGCAACTCGGGAGTGTCCACGCTGCATGGTATCCGAGCCTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC206550 protein sequence Red=Cloning site Green=Tags(s) MFPSPALTPTPFSVKDILNLEQQQRSLAAAGELSARLEATLAPSSCMLAAFKPEAYAGPEAAAPGLPELR AELGRAPSPAKCASAFPAAPAFYPRAYSDPDPAKDPRAEKKELCALQKAVELEKTEADNAERPRARRRRK PRVLFSSQAQVYELERRFKQQRYSAPERDQLASVLKLTSTQVKIWFQNRRYKCKRQRQDTLELVGLPPP PPPPARRIAVPVLVRDGKPCLGDSAPYAPAYGVGLNPYGYNAYPAYPGYGAACSPGYSCCTAAYPAGPSP AQPATAAANNFVNFVGVDLNAVQSPGIPQSNSGVSTLHGIRAW TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004387
ORF Size:	972 bp
Buffer:	PBS with 0.001% Pluronic F68
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_004387.2
RefSeq Size:	1669 bp
RefSeq ORF:	975 bp
Locus ID:	1482
UniProt ID:	P52952
Cytogenetics:	5q35.1
MW:	34.9 kDa