

Product datasheet for **RC214207A1V**

Human NOX5 (NM_024505) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NOX5 (NM_024505) AAV Particle
Tag:	Myc-DDK
Symbol:	NOX5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC214207 representing NM_024505
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTGCCGAGGAGGATGCCAGGTGGCTCCGGTGGGTGACTCAGCAGTTTAAGACCATTGCAGGAGAAG
 ATGGGGGATCAGCCTGCAAGAATTCAAAGCAGCTCTGCATGTGAAAGAGTCCTTCTTTCAGAGCGATT
 CTTTGCCCTATTTGACTCCGATAGAAGTGGCACCATCACCTCCAGGAGCTGCAGGAGGCACTGACCCTG
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 GGCAGGGGGCGTCTGCAGGTACAGAGTGGGTGCTGGGGCAGGCCGCACTGGGCTTCATCCCCACTCGG
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 TGGGCCCAACTTCTGGAAGTGGCTGCTGGTGCCTGGAATCTTGTTTTCTGGAAGGCCATCGGACTG
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 TCATCAAGCGGCCCTTTTTTCACTATAGACCTGGTGAATCTTGTATCTGAACATCCCCACCATTCG
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 CCAAGACAACATGAAGTCCATAAGGTGGACTTTATCTGGATCAACAGAGACCAGCGGTCTTTCGAGTGG
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 TGCATATGTACATGACATCTGCACTGGGCAAGAATGACATGAAGGCCATTGGCCTGCAGATGGCCCTTGA
 CCTCCTGGCCAACAAGGAGAAGAAAGACTCCATCACGGGGCTGCAGACGCGCACCCAGCCTGGGCGGCCT
 GACTGGAGCAAGGTGTTCCAGAAAGTGGCTGCTGAGAAGAAGGCAAGGTGCAGGTCTTCTTCTGTGGCT
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 C

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC214207 representing NM_024505 Red=Cloning site Green=Tags(s) MSAEEDARWLRWVTQQFKTIAGEDGEISLQEFKAALHVKESFFAERFFALFSDRS GTITLQELQEALTL LIHGSPMDKLKFLFQVYDIDVCARQGASAGTEWGAGAGPHWASSPLGTGSGSIDPDELRTVLQSCLRESA ISLPDEKLDQLTLALFESADADGNGAITFEELRDELQRFPGVMENLTISAAHWLTAPAPRRPRRRPRLT RAYWHNHRSQLFCLATYAGLHVLLFGLAASAHRLDGASVMVAKGCGQCLNFDCSFIAVLMLRRCLTWLRA TWLAQVLPDQNIQFHQLMGYVVVGLSLVHTVAHTVNFVLQAQAEASPFQFWELLLTTRPGIGWVHGSAS PTGVALLLLLLLMFICSSSCIRRS GHFEVFWTHLSYLLVWLLLI FHGPNFWKWLLVPGILFFLEKAIGL AVSRMAAVCIMEVNLLPSKVTHLLIKRPPFFHYRPGDYLYLNIPTIARYEWHPF TISSAPEQKDTIWLHI RSQGQWTNRLYESFKASDPLGRGSKRLSRV TMRKSQRSSKGSEILLEKHKFCNIKCYIDGPYGTPTTRI FASEHAVLIGAGITPFASILQSIMYRHQKRKHTCPSCQHSWIEGVQDNMMLHKVDFIWINRDQRSFEW FVSLLTKEMDQAEAAQYGRFLELHMYMTSALGKNDMKAIGLQMALDLLANKEKKDSITGLQTRTQPGRP DWSKV FQKVAAEKKGVQVFFCGSPALAKVLKGHC EKFGRFFQENF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_024505
ORF Size:	2241 bp
Buffer:	PBS with 0.001% Pluronic F7170
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_024505.2 , NP_078781.2
RefSeq Size:	2582 bp
RefSeq ORF:	2298 bp
Locus ID:	79400
UniProt ID:	Q96PH1
Cytogenetics:	15q23
MW:	84.5 kDa