

Product datasheet for **RC205121A1V**

Human SOX8 (NM_014587) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human SOX8 (NM_014587) AAV Particle
Tag: Myc-DDK
Symbol: SOX8
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC205121 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGGACATGAGCGAGGCCCGCTCCAGCCGCCCTGCAGCCCGTCCGGCACCGCCAGCTCCATGTGCG
ACGTGGAGGACTCGGACTCGGACGCGCCGCTCTCCGCGGCTCCGAGGGCTGGGCCGCGGGGGT
CGCGGTGGGGGCGCCGGGGGACCCGGCGGAGGCGGCGGACGAGCGCTTCCCGCCTGCATCCGCGAC
GCCGTGTCGAGGTGCTCAAGGGCTACGACTGGAGTCTGGTCCCATGCCGTGCGCGGGCGGCGGCG
GCGCGCTCAAAGCCAAGCCGCATGTGAAGCGGCCCATGAACGCATTTCATGGTGTGGGCGCAGGCGGCGCG
CCGCAAGCTGGCCGACCAAGTACCCGCACCTGCACAACGCCGAGCTCAGCAAGACGCTGGGCAAGCTGTGG
CGCTTGCTGAGCGAGAGCGAGAAGCGGCCCTTCGTGGAGGAGGAGAGCGCCTTCGCGTGCAGCACAAGA
AGGACCACCCGACTACAAGTACCAGCCACGGCGCAGGAAGAGCGCCAAAGCCGGCCACAGCGACTCCGA
CTCGGGCGCGGAGCTGGGACCCACCTTGGCGGCGGTGCCGTGTACAAGGCTGAAGCAGGGCTTGGAGAT
GGGCACCACCATGGCGACCACACAGGGCAGACCCACGGGCCGCCACCCCGCCACCCCAAGACGG
AGCTGCAGCAGGCGGGCGCCAAGCCGGAGCTGAAGCTGGAGGGACGCCGGCCGGTGGACAGCGGGCGCCA
GAACATCGACTTCAGCAACGTGGACATCTCGGAGCTCAGCAGCGAGGTCATGGGCACCATGGACGCCTTC
GACGTCCACGAGTTCGACCACTACCTGCCCCGCGGCGCCGCCACCCGAGCGGGCCAGGCTACG
GGGGCGCCTACTTCCACGCCGGGCGTCCCCGTGTGGGCCACAAGAGTGCCCCGTCCGCTCCGCGTC
GCCCACCGAGACGGGTCCCCACGGCCGCACATCAAGACGGAGCAGCCGAGCCCCGCGCCACTACGCGAC
CAGCCCCGAGGCTCGCCGACTACGTTCTGCAGCGGCCAGTCCAGCGCCACCCGCGCGCCCCGCGG
GCCCCCTCGCCGGCTCAGAGGGCGACTATGGCGACCTGCAGGCCTCCAGTACTATGGTGCCTACCCTGG
CTACGCACCCGGCCTCTACCACTACCCCTGCTTCCACTCGCCGCGCGGCCCTACGCCTACCCCTGCTC
AACGGCCTGGCCCTGCCGCCGCCACAGCCCCACCACTACTGGGACCAGCCGGTGTACACCACCTGA
CCAGGCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC205121 protein sequence Red=Cloning site Green=Tags(s) MLDMSEARSQPPCSPSGTASSMSHVEDSDSDAPPSPAGSEGLGRAGVAVGGARGDPAEAADERFPACIRD AVSQVLKGYDWSLVPMPVRGGGGGALKAKPHVKRPMNAFMVWAQAARRKLADQYPHLHNAELSKTLGKLW RLLSESEKRPFVEEAERLRVQHKKDHPDYKYQPRRRKSAKAGHSDSDSGAELGPHPGGGAVYKAEAGLGD GHHHGDHTGQTHGPPTPTTPKTELQQAGAKPELKLEGRRPVDSGRQNIDFSNVDISELSSEVMGTMDAF DVHEFDQYLPLGGPAPPEPGQAYGGAYFHAGASPVWAHKSAPSASASPTETGPPRPHIKTEQSPSGHYGD QPRGSPDYGSCSGQSSATPAAPAGPFAGSQGDYGDQLQASSYYGAYPGYAPGLYQYPCFHSPPRPYASPLL NGLALPPAHSPTSHWDQPVYTTLTRP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014587
ORF Size:	1338 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:	<u>NM_014587.2</u>
RefSeq Size:	3049 bp
RefSeq ORF:	1341 bp
Locus ID:	30812
UniProt ID:	<u>P57073</u>
Cytogenetics:	16p13.3
MW:	47.3 kDa