

Product datasheet for **RC211998A1V**

Human Oct4 (POU5F1) (NM_002701) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Oct4 (POU5F1) (NM_002701) AAV Particle
Tag:	Myc-DDK
Symbol:	Oct4
Synonyms:	Oct-3; Oct-4; OCT3; OCT4; OTF-3; OTF3; OTF4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC211998 representing NM_002701 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGGGACACCTGGCTTCGGATTTTCGCTTCTCGCCCCCTCCAGGTGGTGGAGGTGATGGGCCAGGGG
GGCCGGAGCCGGGCTGGGTTGATCCTCGGACCTGGCTAAGCTTCCAAGGCCCTCCTGGAGGGCCAGGAAT
CGGGCCGGGGGTTGGGCCAGGCTCTGAGGTGTGGGGGATCCCCCATGCCCCCGCCGTATGAGTTCTGT
GGGGGATGGCGTACTGTGGGCCAGGTTGGAGTGGGCTAGTGCCCAAGGCGGCTTGAGACCTCTC
AGCCTGAGGGCGAAGCAGGAGTCGGGTGGAGAGCAACTCCGATGGGGCCTCCCGAGGCCCTGCACCGT
CACCCCTGGTGCCGTGAAGCTGGAGAAGGAGAAGCTGGAGCAAAACCCGAGGAGTCCCAGGACATCAAA
GCTCTGCAGAAAGAACTCGAGCAATTTGCCAAGCTCCTGAAGCAGAAGAGGATCACCTGGGATATACAC
AGGCCGATGTGGGGCTCACCTGGGGTTCTATTTGGGAAGGTATTAGCCAAACGACCATCTGCCGCTT
TGAGGCTCTGCAGCTTAGCTTCAAGACATGTGAAGCTGCGGCCCTTGCTGCAGAAGTGGGTGGAGGAA
GCTGACAACAATGAAATCTTCAGGAGATATGCAAAGCAGAAACCCTCGTGCAGGCCCGAAAGAGAAAGC
GAACAGTATCGAGAACCGAGTGAGAGGCAACCTGGAGAATTTGTTCTGCAGTGCCCGAAACCGACACT
GCAGCAGATCAGCCACATCGCCAGCAGCTTGGGCTCGAGAAGGATGTGGTCCGAGTGTGGTTCTGTAAC
CGGCGCCAGAAGGGCAAGCGATCAAGCAGCAGTATGCACAACGAGAGGATTTTGAGGCTGCTGGGTCTC
CTTTCTCAGGGGACAGTGTCTTTCTCTGGCCCCAGGGCCCCATTTTGGTACCCAGGCTATGGGAG
CCCTCACTTCACTGCACTGTACTCCTCGGTCCCTTTCCCTGAGGGGAAGCCTTTCCCTGTCTCCGTC
ACCACTCTGGGCTCTCCCATGCATTCAAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence:	>RC211998 representing NM_002701 Red=Cloning site Green=Tags(s) MAGHLASDFAFSPPPGGGGDPGGPEPGWVDPRTWLSFQGGPPGGPGIGPGVGPSEVWGIPPCPPPYEFC GGMAYCGPQVGVLVPQGGLETSQPEGEAGVGVESNSDGASPEPCTVTPGAVKLEKEKLEQNPEESQDIK ALQKELEQFAKLLKQKRITLGYTQADVGLTLGVLF GKVFSQTTICRFEALQLSFKNMCKLRPLLQKWVEE ADNNENLQEICKAETLVQARKRKRTSIENRVRGNLENLFLQCPKPTLQQISHIAQQLGLEKDVVRVWFCN RRQKGKRSSDYAQREDFEAGSPFSGGPVSFPLAPGPHFGTPGYGSPHFTALYSSVPFPEGEAFPPVSV TTLGSPMHSN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002701
ORF Size:	1080 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_002701.3</u>
RefSeq Size:	1417 bp
RefSeq ORF:	1083 bp
Locus ID:	5460
UniProt ID:	<u>Q01860</u>
Cytogenetics:	6p21.33
MW:	38.4 kDa