

Product datasheet for **RC223743A1V**

Human Oct4 (POU5F1) (NM_203289) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Oct4
Synonyms:	Oct-3; Oct-4; OCT3; OCT4; OTF-3; OTF3; OTF4
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC223743 representing NM_203289
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**C

ATGCACTTCTACAGACTATTCCTTGGGGCCACACGTAGGTTCTTGAATCCCGAATGGAAAGGGGAGATTG
ATAATTGGTGTGTTTATGTTCTTACAAGTCTTCTGCCCTTTAAAAATCCAGTCCCAGGACATCAAAGCTCT
GCAGAAAGAACTCGAGCAATTTGCCAAGCTCCTGAAGCAGAAGAGGATCACCTGGGATATACACAGGCC
GATGTGGGGCTCACCTGGGGGTTCTATTGGGAAGGTATTCAGCCAAACGACCATCTGCCGCTTTGAGG
CTCTGCAGCTTAGCTTCAAGAACATGTGTAAGCTGCGGCCCTTGTGCAGAAGTGGGTGGAGGAAGCTGA
CAACAATGAAAATCTTCAGGAGATATGCAAAGCAGAAACCTCGTGCAGGCCCGAAAGAGAAAGCGAACC
AGTATCGAGAACCAGTGAGAGGCAACCTGGAGAATTTGTTCTGCAGTGCCCGAAACCGACACTGCAGC
AGATCAGCCACATCGCCAGCAGCTTGGGCTCGAGAAGGATGTGGTCCGAGTGTGGTTCTGTAACCGGCG
CCAGAAGGGCAAGCGATCAAGCAGCGACTATGCACAACGAGAGGATTTTGGGCTGCTGGGTCTCCTTTC
TCAGGGGGACCAAGTGTCTTCTCTGGCCCCAGGGCCCCATTTTGGTACCCAGGCTATGGGAGCCCTC
ACTTCACTGCACTGTACTCCTCGGTCCCTTCCCTGAGGGGAAGCCTTTCCCCTGTCTCCGTACCAC
TCTGGGCTCTCCCATGCATTCAAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC223743 representing NM_203289 Red=Cloning site Green=Tags(s) MHFYRLFLGATRRFLNPEWKGEIDNWCYVYLTSLLPFKIQSQDIKALQKELEQFAKLLKQKRITLGYTQA DVGLTLGVLFQKVFSTTICRFEALQLSFKNMCKLRPLLQKWVEEADNNENLQEICKAETLVQARKRKRT SIENRVRGLENLFLQCPKPTLQQISHIAQQLGLEKDVRVWFNRRQKGKRSSDYAQREDFEAGSPF SGGPVSFPLAPGPHFGTPGYGSPHFTALYSSVPFPEGEAFPPVSVTTLGSPMHSN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_203289
ORF Size:	795 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_203289.3</u> , <u>NP_976034.3</u>
RefSeq Size:	1155 bp
RefSeq ORF:	573 bp
Locus ID:	5460
Cytogenetics:	6p21.33
MW:	21.1 kDa