

Product datasheet for **RC208599A1V**

Human Oct-1 (POU2F1) (NM_002697) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Oct-1 (POU2F1) (NM_002697) AAV Particle
Tag:	Myc-DDK
Symbol:	POU2F1
Synonyms:	oct-1B; OCT1; OTF1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC208599 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAACAATCCGTCAGAAACCAGTAAACCATCTATGGAGAGTGGAGATGGCAACACAGGCACACAAACCA
ATGGTCTGGACTTTCAGAAGCAGCCTGTGCCTGTAGGAGGAGCAATCTCAACAGCCCAGGCGCAGGCTTT
CCTTGGACATCTCCATCAGGTCCAACCTCGTGGAACAAGTTTACAGGCTGCTGCTCAGTCTTTAAATGTA
CAGTCTAAATCTAATGAAGAATCGGGGATTTCGCAGCAGCCAAGCCAGCCTTCCCAGCAGCCTTCAGTGC
AGGCAGCCATTCCCAGACCCAGCTTATGCTAGCTGGAGGACAGATAACTGGGCTTACTTTGACGCCTGC
CCAGCAACAGTTACTACTCCAGCAGGCACAGGCACAGGCACAGCTGCTGGCTGCTGCAGTGCAGCAGCAC
TCCGCCAGCCAGCAGCACAGTGTGCTGGAGCCACCATCTCCGCCTCTGCTGCCACGCCCATGACGCAGA
TCCCCCTGTCTCAGCCCATACAGATCGCACAGGATCTTCAACAACGCAACAGCTTCAACAGCAGAATCT
CAACCTGCAACAGTTTGTGTTGGTGCATCCAACCACCAATTTGCAGCCAGCGCAGTTTATCATCTCACAG
ACGCCCCAGGGCCAGCAGGGTCTCCTGCAAGCGCAAAATCTTCTAACGCAACTACCTCAGCAAGGCCAAG
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AGGGCTTGAGCCGTAGGAGGAAGAAACGCACCATAGAGACCAACATCCGTGTGGCCTTAGAGAAGAG
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AATCTTTCAGTTACAGGCACTTCAGACACCACCTCCAACAACACAGCAACCGTGATTTCCACAGCGCCTC
CAGCTTCTCAGCAGTCACGTCCCCCTCTCTGAGTCCCTCCCTTCTGCCTCAGCCTCCACCTCCGAGGC
ATCCAGTGCCAGTGAGACCAGCACAACACAGACCACCTCCACTCCTTTGTCTCCCTCTTGGGACCAGC
CAGGTGATGGTGACAGCATCAGGTTTGCAAACAGCAGCAGCTGCTGCCCTTCAAGGAGCTGCACAGTTGC
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GTTTGCGGCTGGAGGTGCCTTACTCAGTCTGAATCCAGGGACCCTGAGCGGTGCTCTCAGCCCAGCTCTA
ATGAGCAACAGTACACTGGCAACTATTCAAGCTCTTGCTTCTGGTGGCTCTTCCAATAACATCACTTG
ATGCAACTGGGAACCTGGTATTTGCCAATGCGGGAGGAGCCCCCAACATCGTGACTGCCCTCTGTTCTCT
GAACCTCAGAACCTCTCTGCTCACCAGCAACCCTGTTAGCTTGGTCTCTGCCGCCGAGCATCTGCA
GGAACTCTGCACCTGTAGCCAGCCTTCACGCCACCTCCACCTCTGCTGAGTCCATCCAGAATCTCTCT
TCACAGTGGCCTCTGCCAGCGGGCTGCGTCCACCACCACCACCGCTCCAAGGCACAG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC208599 protein sequence Red=Cloning site Green=Tags(s) MNNPSETSKPSMESGDGNTGTQTNGLDFQKQPVPVGGAIATAQAQAFGLGHLHQVQLAGTSLQAAAQSLNV QSKSNEESGDSQQPSQPSQQPSVQAAIPQTQLMLAGGQITGLTLTPAQQLLLQQAQAQALLAAAVQQH SASQQHSAAGATISASAATPMTQIPLSQPIQIAQDLQQLQQLQQNLNLQQFVLVHPTTNLQPAQFIISQ TPQGQQGLLQAQNLTLQLPQQSQANLLQSQPSITLTSQPATPTRTIAATPIQTLPSQSTPKRIDTPSLE EPSDLEELEQFAKTFKQRRIKLGFTQGDVGLAMGKLYGNDFSQTTISRFEALNLSFKNMCKLKPLLEKWL NDAENLSSDSSLSSPSALNSPGIEGLSRRRKKRTSIETNIRVALEKSFLNQKPTSEEITMIADQLNMEK EVIRVWFCNRRQKEKRINPPSSGGTSSSPIKAIFPSPTSLVATTPSLVTSSAATTLTVSPVLPLTSAAVT NLSVTGTSDDTTSNNTATVISTAPPASSAVTSPSLSPSPSASASTSEASSASETSTTQTTSTPLSSPLGTS QYMTASGLQTAATAAALQGAAQLPANASLAAMAAAAGLNPSLMAQSQAAGGALLSLNPGLSGALSPAL MSNSTLATIQALASGGSLPITSLDATGNLVFANAGGAPNIVTAPLFLNPQNLSSLTSNPVSLVAAAAASA GNSAPVASLHATSTSAESIQNSLFTVASASGAASSTTTASKAQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002697
ORF Size:	2229 bp
Buffer:	PBS with 0.001% Pluronic F6293
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_002697.2</u> , <u>NP_002688.2</u>
RefSeq Size:	13905 bp
RefSeq ORF:	2301 bp
Locus ID:	5451
UniProt ID:	<u>P14859</u>
Cytogenetics:	1q24.2
MW:	76.5 kDa