

Product datasheet for **MR223763A1V**

Mouse Pou2f1 (NM_011137) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pou2f1 (NM_011137) AAV Particle
Tag:	Myc-DDK
Symbol:	Pou2f1
Synonyms:	2810482H01Rik; NF-A1; Oct-1; Oct1; Otf-1; Otf1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR223763 representing NM_011137
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGACGGAGGAGCAGCGAGTCAAGATGAGAGTTCAGCCGCGGCGGCAGCAGCAGCAGACTCAAGAA
 TGAATAATCCATCAGAAACCAATAAATCATCTATGGAGAGTGAAGATGCCAGCACAGGCACACAAACCAA
 TGGTCTGGACTTTCAGAAACAGCCCGTGGCCGTTGGAGGAGCGATCTCCACAGCCAGGCCAGGCCCTTC
 CTCGGACATCTTCACCAGGTCCAGCTAGCTGGGACAAGTTTACAGGCTGCTGCTCAGTCTTTAAATGTAC
 AGTCTAAATCCAGTGAAGAGTCGGGAGATTTCGAGCAGTCGAGCCAGCCTTCTCCAGCCGCTTCAGT
 GCAGTCAGCCATTCCCAGACCCAGCTAATGCTGGCTGGGGACAGATAACTGGGCTCACGTTGACCCCA
 GCCCAGCAACAGTTACTGCTACAGCAGGCGCAGGCCAGGCCAGCTCCTGGCCGCTGCAGTGCAGCAAC
 ACTCCGCCAGCCAACAGCACAGTGTCTGCTGGGGCCACCATCTCAGCCTCCGCCGCCACCCATGACGCA
 GATCCCCCTGTCTCAGCCCATACAGATTGCACAGGATCTTCAACAATTGCAACAGCTTCAGCAGCAAAAT
 CTCAACTTGCAACAGTTTGTGTTGGTGCACCAACCAACCTGCAACCAGCAGTATTCATCTCAC
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 GCAGCAGCCTCAGTTCAGACACTTCACAGAGCCAGTCAACACCAAGCGAATTGACACTCCCAGCTTGG
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 TCTCGCTTTGAAGCCTTGAACCTCAGCTTTAAGAACATGTGCAAGTTAAAGCCCTTTTAGAGAAGTGCC
 TAAATGATGCAGAGAACCTCTCATCTGATTCTACAGCATCTAGCCCAAGTGCTTTGAATCTCCAGGATT
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 CCAAGCCTTGACAGCAGTACGGCAACTACCTCACAGTCAACCTGTCTCCTTTAACCAGTGCTG
 CTGTGACTAATCTCTCTTACAGATCAAGATCTTAGAAGAGGATGCAGCTGGGAAGTGCTTAGGAGTCT
 ACCAGACAGAGTCACCACCACAGCAGGCACTACAGACTCGACGTCCAACAACAACAGGCCACGGTGATT
 TCCACAGCACCCCTGCTTCTCAGCAGTCACATCCCCTTCTTGAGTCCCTCTCCCTCTGCCTCGGCCT
 CCACCTCAGAGGCCTCCAGTGCCAGTGAGACCAACACGACACAGACCACCTCCACGCCTCTTCCCTCCCC
 TCTCGGAGCCAGCCAGGTGATGGTGACCACGCCCGGCTTACAGACAGCAGCCGCCGCTCTCCAAGGAGCG
 GCACAGTTGCCAGCAACGCCAGTCTTGCTGCTATGGCTGCTGCTGCGGGACTCAGCCCAGGCCTCATGG
 CACCCTCACAGTTTGCTGCTGGAGGTGCCTTACTCAGTCTCAGTCCGGGGACTCTGGGCAGTGCTCTCAG
 CCCAGCCCTAATGAGCAACAGTACACTGGCAACGATTCAAGCTCTTGCTTCTAGTGGCTCTCTTCCAATA
 ACGTCTCTGGATGCAACTGGGAACCTGGTATTTGCCAATGCAGGAGGAGCCCCGAACATCGTGACTGCAC
 CTCTGTTCTGAACCTCAGAACCTCTCTGCTCACCAGCAACCCAGTAAGCTTGGTTTCTGCCGCTGC
 AGCCTCCACAGGGAACCTGACCTACAGCCAGCCTTCATGCCTCCTCCACCTCAACTGAGTCCATCCAG
 AGCTCTCTGTTACAGTCGCCTCTGCCAGTGGCCTGCTTCCACCACCACAGTGCCTCCAAGGCACAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR223763 representing NM_011137 Red=Cloning site Green=Tags(s) MADGGAASQDESSAAAAAADS RMNNPSETNKSSMESEDASTGTQTNGLDFQKQPVVGGAI STAQAQAF LGHLHQVQLAGTSLQAAAQSLNVQSKSSEESGDSQQSSQPPSVQSAIPQTQLMLAGGQITGLTLTP AQQLLLQQAQAQALLAAAVQQHSASQQHSAAGATISASAATPMTQIPLSQPIQIAQDLQQLQQLQQQN LNLQQFVLVHPTTNLQPAQFIISQTPQGQQGLLQAQNLTLQLPQQSQANLLQPQPSITLTSQPTTPRTI AAASVQTL PQSQSTPKRIDTPSLEEPSDLEELQFAKTFKQRRIKLGFTQGDVGLAMGKLYGNDFSQTTI SRFEALNLSFKNMCKLKPLLEKWLND AENLSSDSTASSPSALNSPGLGAEGLNRRRKRKRTSIETNIRVAL EKSFMENQKPTSEDITLIAEQLNMEKEVIRVWFCNRRQKEKRINPPSSGGTSSSPIKAIFPSPASLVATT PSLVTSSTATTLTVPVPLPLTSAAVTNLSLTDQLRRGCSWEVLRSLPDRVTTTAGTTDSTNNNTATVI STAPPASSAVTSPSLSPSPSASASTSEASSASETNTTQTTSTPLSPPLGASQVMVTT PGLQTA AALQGA AQLPANASLAAMAAAAGLSPGLMAPSQFAAGGALLSLSPGTLGSALSPALMSNSTLATIQALASSGSLPI TSLDATGNLVFANAGGAPNIVTAPLFLNPQNL SLLTSNPVSLV SAAAASTGNSAPTASLHASSTSTESIQ SSLFTVASASGPASTTTAASKAQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_011137
ORF Size:	2379 bp
Buffer:	PBS with 0.001% Pluronic F3641
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_011137.3</u> , <u>NP_035267.2</u>
RefSeq Size:	12978 bp
RefSeq ORF:	2382 bp
Locus ID:	18986
UniProt ID:	<u>P25425</u>
Cytogenetics:	1 73.21 cM
MW:	81.6 kDa