

Product datasheet for **RC228521A1V**

Human **POU6F2 (NM_001166018) AAV Particle**

Product data:

Product Type:	AAV Particles
Product Name:	Human POU6F2 (NM_001166018) AAV Particle
Tag:	Myc-DDK
Symbol:	POU6F2
Synonyms:	RPF-1; WT5; WTSL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

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>RC228521 representing NM_001166018
Red=Cloning site Blue=ORF Green=Tags(s)
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TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**

ATGATGCTCTTCTTCAGGATCCAATGATAGCTGGACAAGTCAGTAAGCCCTTGCTGTAGTGC GGAGTAAATGAATGCGGAGTTGAGAGGTGAGGACAAGGCTGCTACTTCAGACAGCGAGCTGAATGAGCCCCTGCTGCGCCTGTGGAATCAAATGACAGCGAGGACACTCCCAGCAAGCTCTTCGGGGCTAGAGGAAACCCAGCA TTATCAGACCCAGGCACCTCTGACCAACACCAGGCCAGTCAGACCCACCCCCATTTCAGTTGGGCCACAGCCACTTCTGACGGCACAGCAGTTAGCTTCTGCTGTGGCCGGCGTGATGCCGGGAGGCCCCCCAGCCCTCAACCAGCCAATCCTCATTCCCTTCAACATGGCGGGACAGCTAGGAGGCCAGCAAGGACTGGTTCTCACA CTGCCAACAGCGAATCTCACCACATCCAAGGGCTGGTGGCAGCAGCTGCAGCCGGAGGCATTATGACTCTGCCACTGCAAAATCTACAAGCTACCTCATCCCTGAACTCCCAGCTCCAGCAGCTCCAGCTCCAGCTCCA GCAGCAGCAGCAGCAGCAGCAGCAGCAGCCTCCCCGTCAACCAACCAGCACCCGCAACCAGCCCCACAG GCGCCCTCGCAGTCCCAGCAGCAGCCGCTGCAGCCCACCCACCCAGCAGCCACCACCCGCTCTCAGC AGCCGCCAGCTCCTACATCTCAGCTGCAACAGGCGCCTCAGCCCCAGCAGCAACCCCACTCCCCTC AGACAACCCAGAACAACCATCTCAACCCAGCAGAGCTCCAGCCCCCGCAGAAACCTAGTCAGTCTCCA GGACATGGCCTGCCTTACC CGTCAACGCCACCAATCCTCTACAGCTGGTTAATAATCCACTAGCAAGTC AGGCTGCAGCGCTGCAGCAGCCATGAGCTCCATAGCAAGCTCAGAGGCCCTTGGCAATGCCCTCTCCAG TCTTCAGGGGTCACAGGTCAACTAGTTACTAATGCACAAGGACAGATTATCGGGACCATTCCACTGATG CCTAATCCAGGGCCATCGAGCCAAGCAGCAAGCGGCACTCAGGGCTTGCAAGTGACGCCAATACCCCCC AGCTCCTCACAACGCCAGGGCCAGATCATCGCCACAGTCATTGGGAACCAGATCCTGCCCGTGATCAA CCCCAGGGCATCAGCTGTCACCCATCAAGCCCGGCCAGCAGCTCCACCAACCCCTCCAGACGTCAAGT GGTCAAGCAGCCTCCAAGGCAACCTTCTGCACCTGGCTCAGACCAAGCATCCATGTCTCAAAGTCCCG TCCGGCAGGCTTCTCTTCTTCTCTCTATCCTCTCTTCTTACGCTTTGAGCGTGGGCCAGTTAGTCAG CAATCCTCAAACGGCAGCGGTGAGGTGGATGGGGTTAATCTGGAGGAGATCCGAGAATTTGCCAAAGCT TTTAAAAATCCGGCGCCTGTCCCTTGGCCTGACCCAGACTCAGGTGGGACAGGCTCTCAGTGCTACAGAG GCCCCGCGTACAGCCAGTCGGCCATCTGCAGGTTTGAAAAGCTGGACATCACCCCTAAAAGTGCCAGAA GATCAAGCCGGTGCTTGAGCGGTGGATGGCTGAGGCTGAGGCCCGCCATCGAGCAGGTATGCAGAACTG ACCGAGTTTATCGGGAGTGAACCATCAAAAAGCGCAAGCGGCGCACCTCCTTACACCCCAGGCCCTTG AGATCCTCAATGCCACTTTGAGAAGAACACACCCCTTCTGGGCAGGAAATGACCGAAATTTGCTGAGAA GCTGAAGCTATGACCGAGAAGTAGTTAGAGTTTGGTTCTGCAATAAGAGGCAAGCCCTGAAGAACACAAT TAAAGCTTTAAAACAGCACGAGCCGGCCACGGCAGTCCCTTTGGAGCCCTTAACAGACTCTCTGGAAGAAA ACTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC228521 representing NM_001166018 Red=Cloning site Green=Tags(s) MSALLQDPMIAGQVSKPLL SVRSEMNAELRGEDKAATSDSELNEPLLAPVESNDSSEDTPSKLFGARGNPA LSDPGTPDQHQASQTHPPFPVGPQPLLTAQQLASAVAGVMPGGPPALNQPIILIPFNMAQQLGGQQGLVLT LPTANLTNIQGLVAAAAAGGIMTLPLQNLQATSSLNSQLQQLQLQLQQQQQQQQQPPSTNQHPQPAPQ APSQSQQQLQPTPPQQPPASQPPAPTSQLQQAQPPQHQPHSHSQNQNPSPSTQSSSPPQKPSQSP GHGLPSPLTPPNPLQLVNNPLASQAAAAAAMSSIASSQAFGNALSSLQGVGTGQLVTNAQGQIIGTIPLM PNPGPSSQAASGTQGLQVQPIPTQLLTNAQGQIIATVIGNQILPVINTQGITLSPIKPGQQLHQPSQTSV GQAASQGNLLHLAHSQASMSQSPVRQASSSSSSSSSSALSVGQLVSNPQTAAGEVDGVNLEEIREFAKA FKIRRLSLGLTQTQVGQALSALEGPAYSSAICRFEKLDITPKSAQKIKPVLERWMAEAEARHRAGMQNL TEFIGSEPSKKRKRRTSFTPQALEILNAHFEKNTHPSGQEMTEIAEKLNYDREVVRVWFCNKRQALKNTI KRLKQHEPATAVPLEPLTDSLEENS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001166018
ORF Size:	1965 bp
Buffer:	PBS with 0.001% Pluronic F9460
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_001166018.1</u>
RefSeq ORF:	1968 bp
Locus ID:	11281
UniProt ID:	<u>P78424</u>
Cytogenetics:	7p14.1
MW:	69.1 kDa