

Product datasheet for **RC206345A1V**

Human POU5F2 (NM_153216) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human POU5F2 (NM_153216) AAV Particle
Tag:	Myc-DDK
Symbol:	POU5F2
Synonyms:	SPRM-1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC206345 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACGGACACAGGCCCTCAAACCACTTCTGCCCCCTCCAGGCAGTGGTGGGGCGGCCCCAGAGGGC
CGATGCCCTGCGGGTTGACACTCTGACCTGGTTGAGCACCCAGGCGGCCCTGGCAGGGTGATGGTCTG
GCCGGCAGTCAGGCCAGGGATCTGCCAGGCCCTGACGTGTGGAGGATCCCTGGGTCCCCTGCCACAC
GAATTCGGGGCTGGATAGCACCTGCAGGCCCGCTTGGAGCTAGTGAGGCAGGGGACTGGTTGCGAC
GCCCCCTCGAAGGCGCCCTCCCGGGGCCCTACATTGCCCTGCGGAGCATTCCGAAGTTGCCGCCGCCAGA
GGACATCTCGGGCATACTGAAAGAGTTGCAGCAATTGGCCAAGGAGTTGAGGCAGAAGAGGTTGAGCCTA
GGGTACTCGCAGGCCGATGTGGGATCGCTGTGGGAGCTCTGTTTGGGAAGGTGCTTAGCCAGACGACCA
TCTGCCGCTTCGAGGCCCAGCAGCTAAGCGTCGCCAACATGTGGAAGCTGCGACCACTGCTGAAAAAGTG
GCTGAAGGAAGTGAAGCAGAGAACCTTCTGGGCTTATGCAAAATGGAGATGATCCTGCAACAGTCTGGG
AAGTGGAGACGGGCAAGCAGAGAGCGACGAATCGGAAACAGCCTGGAGAAATCTTCCAGCGGTGCCCTA
AGCCACACCCCAGCAAATCAGCCACATTGCTGGGTGCCTCCAGCTGCAGAAGGATGTGGTTCGAGTTTG
GTTCTATAACCCGAGCAAGATGGGCAGTCGACCAACCAATGATGCTTCCACCGGAGATTGTGGGGACA
GCCGGGCTCCTTGCCAGGAGCACCAGTGTGCTTTCACCTGGGACTGGGGCTCCAGTGGATATCCCC
ACTATACAGTCTCTACTCTGCAGGGTAGCCCACTCCTTGCCCCAGCCACCACTCTGGGCCTCCTCAG
ATTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC206345 protein sequence Red=Cloning site Green=Tags(s) MDGHRPSNHFCLPGSGGGGPRGPMPLRVDTLTWLSTQAAPGRVMVWPAVRPGICPGPDVWRIPLGPLPH EFRGWIAPCRPRLGASEAGDWLRRPSEGALPGPYIALRSIPKLPPPEDISGILKELQQLAKELRQKRLSL GYSQADVGIAGVALFGKVLSTTTICRFEAQQLSVANMWKLRPLLKKWLKEVEAENLLGLCKMEMILQQSG KWRRASRERRIGNSLEKFFQRCPKPTPQQISHIAGCLQLQKDVVRVWFYNRSKMGSRPTNDASPREIVGT AGPPCPGAPVCFHLGLGLPVDIPHYTRLYSAGVAHSSAPATTLGLLRF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_153216
ORF Size:	984 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_153216.1, NP_694948.1</u>
RefSeq Size:	1295 bp
RefSeq ORF:	987 bp
Locus ID:	134187
UniProt ID:	<u>Q8N7G0</u>
Cytogenetics:	5q15
MW:	36.1 kDa