

Product datasheet for **RC202099A1V**

Human MOCS3 (NM_014484) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MOCS3 (NM_014484) AAV Particle
Tag:	Myc-DDK
Symbol:	MOCS3
Synonyms:	UBA4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC202099 representing NM_014484
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCTTCCCGGAGGAGGTACTCGCCTTACAAGCTGAAGTTGCCAACGTGAGGAGGAATTGAATTCGC
 TGAAGCAGAAGCTGGCGTCGGCTCTTTGGCTGAGCAGGAACCGCAGCCAGAACGGCTGGTTCGGGTGTC
 GCCGCTGCCGCGAAGGCCGCTCTGTCCGAGATGAGATTCTGCGCTATAGCCGCGAGCTAGTGTGCC
 GAGCTGGGCGTGCACGGACAGCTGCGCCTGGGACCGCGTGGTGGTAACTCGTGGGCTGCGGTGGACTCG
 GCTGTCCACTAGCGCAGTACTTGGCAGCGGCCGCGTGGGCGCCTTGGCCTTGTGGACTATGACGTGGT
 AGAGATGAGCAACCTGGCCGCCAAGTGTGCTGATGGCAGGCACTGGTGGCCAGGCCAAGGCCTTTTCG
 GCCGCCGCTCGTGCGCCGCTCAATTCGGCAGTGAATGCGTGGCTACACTAGGCCCTTACGCCAG
 CCACTGCCCTAGACCTGGTCCGCCGATATGATGTGGTGGCTGACTGCTCGGACAACGTGCCCACTCGCTA
 CCTGGTTAATGACGCATGTGTGCTGGCGGTGCGCCCTCGTGTCTGCCAGTGCCTTGGCTTCCAGGGC
 CAAATCACAGTCTACCATTATGACGGTGGCCCTTGTATCGCTGCATATTCGCCAACCCAGCGG
 AGACAGTGACCACTGCGCGGACGGCGGGTGTCTGGTGTCTTACCGGGTCTTGGGCTGCCTGCAGGC
 CTTGGAAGTGTGAAATCGTGGGCTTGGGCCCTTACAGTGGCAGCTTGTGTCTTTGATGCC
 CTGAGAGGGCATTTCGCTCTATTGGCTGCGGAGCCGAGGCTCGACTGTGCAGCTTGGGGGAACGGC
 CCACTGTGACTGATCTGTGGACTATGAAGCCTTCTGTGGCTCCTCAGCCACTGATAAATGCCGCTCCCT
 GCAACTACTGAGCCAGAGGAGCGTGTTCGTGTACCGACTATAAGCGACTGTGGATTCTGGGGCATT
 CACCTGTTGCTGGACGTCAGGCCTCAGGTGGAGGTGGACATTTGCTTTGCCTCATGCCCTACACATCC
 CTCTGAAACATTTGGAACGCAGGGATGCGGAGAGCCTGAAACTCTTAAAGAAGCAATCTGGGAAGAGAA
 GCAGGGCACACAAGAAGGGGCTGCTGTCCCATTTATGTGATTTGCAAACTGGGAAATGACTCACAGAAA
 GCCGTGAAGATCCTCCAGTCTTATCAGCAGCTCAAGAGTTAGACCTTTAACAGTTCGGGATGTTGTGG
 GGGCCTCATGGCTGGCTGCCAAATCGATGGAACATTTCCACAGTAC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MASREEVLALQAEVAQREEELNSLKQKLASALLAEQEPQPERLVPVSPLPPKAALSRDEILRYSRQLVLP
 ELGVHQLRLGTACVLIVGCGGLGCPLAQYLAAGVGRGLVDYDVVEMSNLARQVLHGEALAGQAKAFS
 AAASLRRNSAVECVPTQALTPATALDLVRRYDVVADCSNVPTRYLVNDACVLAGRPLVSASALRFEG
 QITVYHYDGGPCYRCIFQPPPAETVTNCADGGVLGVVTGVLGCLQALEVLKIAAGLGPSYSGSLLLFDA
 LRGHFRSIRLSRRLDCAACGERPTVTDLLDYEAFCGSSATDKCRSLQLLSPEERVSVTDYKRLLDSGAF
 HLLLDVRPQVEVDICRLPHALHIPLKHLERRDAESLKLKEAIWEEKQGTQEGAAVPIYICKLGNDSSQK
 AVKILQSLSAAQELDPLTVRDVVGLMAWAAKIDGTFPQY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_014484

ORF Size:

1380 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_014484.3</u>
RefSeq Size:	2458 bp
RefSeq ORF:	1383 bp
Locus ID:	27304
UniProt ID:	<u>O95396</u>
Cytogenetics:	20q13.13
MW:	49.5 kDa