

Product datasheet for **RC201500A1V**

Human OXSM (NM_017897) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human OXSM (NM_017897) AAV Particle
Tag:	Myc-DDK
Symbol:	OXSM
Synonyms:	CEM1; FASN2D; KASI; KS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC201500 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTCCAACGCTGCAAAATTTCTGAAAATTACAAGCACTCGTCTTCTATGTTCAAGATTATGCCAAC
 AGTTAAGAAGTAAAAGGAAGTTTTTCGGAACGTGCCAATATCCAGATTGCATAGGCGAGTTGTCAATTAC
 AGGCATTGGCTTAGTGACTCCTCTTGGTGTGGAACCTCACCTGGTTTGGGATCGTCTTATCGGAGGAGAG
 AGTGAATTGTTTCACTGGTGGTGAAGAGTATAAGAGTATCCCTTGCACTGTTGCTGCTATGTGCCAA
 GAGGTAGTGATGAAGGTCAGTTCAATGAACAAAACCTTTGTGTCCAAATCAGATATCAAGTCCATGTCTTC
 TCCACCATCATGGCATTGGGGCTGCAGAATTAGCCATGAAGGATTCTGGCTGGCATCCTCAGTCAGAA
 GCTGATCAAGTGGCTACTGGTGTGCAATTGGCATGGGAATGATTCCTCTGAAGTTGTTCTGAAACTG
 CTTTGAATTTTCAGACAAAAGGTTACAATAAAGTTAGCCCATTTTTTGTCCCTAAGATTCTGGTCAATAT
 GGCAGCAGGCCAGGTGAGCATTCGATATAAACTCAAGGGCCCAAATCATGCAGTATCCACAGCCTGTACC
 ACAGGAGCTCATGCTGTGGGAGACTCATTTAGATTTATAGCCCATGGTGTGCTGATGTGATGGTGGCTG
 GAGGTACAGATTCTTGATTAGCCCTTTATCTCTTGTCTGGGTTTTCCAGAGCCCGGGCTCTGAGCACAAA
 CTCAGATCCCAAGTTGGCATGTCGACCATTTTCATCAAAGAGAGATGGTTTTGTAATGGGAGAAGGTGCA
 GCTGTGCTGGTGTGGAAGAATATGAACATGCTGTTCAAAGAAGAGCCCGGATCTATGCAGAAGTTTGG
 GCTATGGACTCTCAGGTGATGCTGGTGCATAACTGCCCTGATCCTGAAGGAGAAGGTGCCTTAAGGTG
 TATGGCTGCTGCTTTAAAGATGCAGGTGTGCAGCCTGAGGAGATATCCTATATCAATGCACATGCTACT
 TCCACACCATTTGGGAGATGCTGCTGAAAACAAAGCTATCAAACATCTCTTCAAAGACCATGCATATGCC
 TTGCAAGTTTCTCAACTAAGGGAGCAACAGGACATCTGCTGGGAGCTGCAGGGGCAGTCGAGGCAGCTTT
 TACCACATTAGCTTGTATTATCAAAAACCTACCACTACTTTAAACCTGGATTGTTTCGGAACCAAGATTT
 GATCTCAACTATGTTCCACTAAAGGCACAGGAATGAAAACTGAGAAAAGATTTATTGGCCTCACCAATT
 CCTTGGTTTTGGTGGTACTAATGCAACACTTTGTATTGCTGGACTG

ACGCGTACGCGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201500 protein sequence
 Red=Cloning site Green=Tags(s)

MSNCLQNFLKITSTRLLCSRLCQQLRSKRKFFGTVPISRLHRRVVITGIGLVTPPLGVGTHLVWDRLIGGE
 SGIVSLVGEEYSIPCSVAAYVPRGSDEGQFNEQNFVSKSDIKSMSSPTIMAIGAAELAMKDSGWHPQSE
 ADQVATGVAIGMGMIPLEVVSETALNFQTKGYNKVSPFFVPKILVNMAAGQVSIRYKLKGNHNVSTACT
 TGAHAVGDSFRFIAHGDADVMVAGGTDSCISPLSLAGFSRARALSTNSDPKLACRPFHPKRDGFVMGEA
 AVLVLEEYEHAVQRRARIYAEVLGYGLSGDAGHITAPDPEGEGALRCMAAALKDAGVQPEEISYINAHAT
 STPLGDAENKAIKHLFKDHAYALAVSSTKGATGHLLGAAGAVEAAFTLACYYQKLPPTLNLDCEPEF
 DLNVVPLKAQEWKTEKRFI GLTNSFGFGGTNATLCIAGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_017897

ORF Size:

1377 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_017897.1</u>
RefSeq Size:	1537 bp
RefSeq ORF:	1380 bp
Locus ID:	54995
UniProt ID:	<u>Q9NWU1</u>
Cytogenetics:	3p24.2
MW:	48.8 kDa