

Product datasheet for **RC200396A1V**

Human OXSR1 (NM_005109) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human OXSR1 (NM_005109) AAV Particle
Tag:	Myc-DDK
Symbol:	OXSR1
Synonyms:	OSR1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200396 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCGAGGACTCGAGCGCCCTGCCCTGGTCCATCAACAGGGACGATTACGAGCTGCAGGAGGTGATCG
 GGAGTGGAGCAACTGCTGTAGTCCAAGCAGCTTATTGTGCCCTAAAAAGGAGAAAGTGGCAATCAAACG
 GATAAACCTTGAGAAATGTCAAAGTACATGGATGAACCTGAAAGAAATTCAGGCCATGAGTCAATGC
 CATCATCCTAATATTGTATCTTACTACACATCTTTTGGTAAAAGATGAGCTGTGGCTTGTATGAAGC
 TGCTAAGTGGAGGTTCTGTTCTGGATATTATTAAGCACATTGTGGCAAAAGGGGAACACAAAAGTGGAGT
 CCTAGATGAATCTACCATTGCTACGATACTCCGAGAAGTACTGGAAGGGCTGGAATATCTGCATAAAAT
 GGACAGATCCACAGAGATGTAAAGCTGGAACATTCTTCTGGAGAAGATGGCTCAGTACAGATTGCAG
 ACTTTGGGGTTAGTGCTTTTTAGCAACTGGTGGTATATTACCCGAAATAAAGTGAGAAAGACCTTTGT
 TGGCACCCCTTGTGGATGGCACCTGAAGTTATGGAACAGGTCCGTGGTTATGATTTCAAAGCTGATATT
 TGGAGTTTTGGAATTACAGCAATTGAATTGGCTACAGGGCGGCTCCTTATCATAAATATCCACCAATGA
 AGGTTTTAATGCTGACACTGCAGAACGATCCTCCTTCTTGGAACTGGTGTCAAGATAAAGAAATGCT
 GAAAAATATGAAAAATCATTTAGAAAAATGATTTATTGTGCCTTAAAAAGATCCAGAAAAAGACCA
 ACAGCAGCAGAACTATTAAGGCACAAATTTTCCAGAAAGCAAAGAATAAAGAATTTCTTCAAGAAAAA
 CATTGCAGAGAGCACCAACCATTTCTGAAAGAGCAAAAAGGTTCCGAGAGTACCAGGTTCCAGTGGGCG
 TCTTCATAAGACAGAGGATGGAGGCTGGGAGTGGAGTGATGATGAATTTGATGAAGAAAGTGAGGAAGG
 AAAGCAGCAATTCACAACTCAGGTCTCCCGAGTGAAAGAATCAATATCAAATCTGAGCTCTTTCCAA
 CAACTGATCCTGTGGTACTTTGCTCCAAGTTCCAGAACAGATCTCTGCTCATCTACCTCAGCCAGCTGG
 GCAGATTGCTACACAGCCAACCAAGTCTCTCTCCACCCACCGCAGAGCCAGCAAAAACAGCTCAGGCT
 TTGTCTTCAGGATCAGGTTACAGAAGAACCAAGATCCCAATCAGTCTAGTACTAAGATTAAAGGAATTC
 AAAAAGAACTAAATGATATTCGATTTGAATTTACTCCTGGGAGAGATACAGCAGAGGGTGTCTCTCAGGA
 ACTCATTTCTGCTGGCTGGTCGACGGAAGGGATTTAGTAATAGTGGCAGCTAATTTGCAGAAAATTGTG
 GAAGAACCTCAGTCAATCGATCTGTCACTTTCAAAGTGGCATCTGGTGTGAAGGCTCAGATATTCCTG
 ATGATGGTAACTGATAGGATTTGCCAGCTCAGCATCAGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200396 protein sequence
 Red=Cloning site Green=Tags(s)

MSEDSSALPWSINRDDYELQEVIGSGATAVVQAAYCAPKKEKVAIKRINLEKCQTSMDLLKEIQAMSQC
 HHPNIVSYYSFVVKDELWLMKLLSGGSVLDIIKHIVAKGEHKSGLVDESTIATILREVLEGLYLHKN
 GQIHRDVKAGNILLGEDGSVQIADFGVSAFLATGGDITRNKVRKTFVGTPCWMAPEVMEQVRGYDFKADI
 WSFGITAIELATGAAPYHKYPPMKVLMMLTLQNDPPSLETGVQDKEMKKYGKSFRKMISLCLQKDPEKRP
 TAAELLRHKFFQAKNKEFLQEKTLQRAPTISERAKKVRVPVPGSSGRLHKTEDGGWEWSDDFEDESEEG
 KAAISQLRSPRVKESISNSELFPTTDPVGTLLQVPEQISAHLPQAPAGQIATQPTQVSLPPTAEPAKTAQA
 LSSGSGSQETKIPISLVRLRNSKKELNDIRFEFTPGRDTAEGVSQELISAGLVDGRDLVIVAANLQKIV
 EEPQSNRSVTFKLASGVEGSDIPDDGKLIGFAQLSIS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_005109

ORF Size:

1581 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_005109.2</u>
RefSeq Size:	4525 bp
RefSeq ORF:	1584 bp
Locus ID:	9943
UniProt ID:	<u>O95747</u>
Cytogenetics:	3p22.2
MW:	58 kDa