

Product datasheet for **RC212870A1V**

Human **OSGIN1 (NM_182981) AAV Particle**

Product data:

Product Type:	AAV Particles
Product Name:	Human OSGIN1 (NM_182981) AAV Particle
Tag:	Myc-DDK
Symbol:	OSGIN1
Synonyms:	BDGI; OKL38
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212870 representing NM_182981
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCTCCTCCAGAAGGACCCTCGCGCCAGCAGCTCAGAGCCCCTCCCGTTCATATTGTGGGTA
 ACGGCCCTCTGGTATCTGCCTGTCTACCTGCCTCCGGCTACACACCTACACGAAGCCAGATGCCAT
 CCACCCACACCCCTGCTGCAGAGGAAGCTCACCGAGGCCCGGGGTCTCCATCCTGGACCAGGACCTG
 GACTACCTGTCCGAAGGCCTCGAAGGCCGATCCCAAAGCCCCGTGGCCCTGCTCTTTGATGCCCTTAC
 GCCCAGACACAGACTTTGGGGAAACATGAAGTCGGTCTCACCTGGAAGCACCGGAAGGACGACGCCAT
 CCCCCAGTGGTTCTGGGCCGGAACCTCCCGGGGAGCCTGGCACTCCATCGAAGGCTCCATGGTGATC
 CTGAGCCAAGGCCAGTGGATGGGGCTCCCGACCTGGAGGTCAAGGACTGGATGCAGAAGAAGCGAAGAG
 GTCTTCGAACAGCCGGGCCACTGCCGGGACATCGCCACTACTACAGGGACTACGTGGTCAAGAAGGG
 TCTGGGCATAACTTTGTGTCGGTGTGTAGTCACAGCCGTGGAGTGGGGGACCCCGATCCCAGCAGC
 TGTGGGCCCAGGACTCCAGCCCCTTTCAGGTGAGCGGCTTCTGACCAGGAACAGGCCCAGCAGC
 CCTTCTCGCTGTGGGCCCGAACGTGGTCTCGCCACAGGCACGTTTCGACAGCCCGCCGGCTGGGCAT
 CCCCAGGGAGGCCCTGCCCTTATCCACCATGAGCTGTCTGCCCTGGAGGCCGCCACAAGGGTGGGTGCG
 GTGACCCCGGCCCTCAGACCCTGTCTCATCATTGGCGCGGGGTGTGACGCGCCGACGCGGTCTCTACG
 CCCGCCACTACAACATCCCGGTGATCCATGCCTTCCGCCGGCCGTGGACGACCTGGCCTGGTGTCAA
 CCAGCTGCCAAGATGCTGTACCCGAGTACCACAAGGTGCACCAGATGATGCGGGAGCAGTCCATCCTG
 TCGCCAGCCCCTATGAGGGTACCAGCAGCTCCCGAGCAGCAGTGTGCTTCAAGGAAGACTGCC
 AGGCCGTGTTCCAGACCTCGAGGGTGTGAGAAGGTGTTGGGGTCTCCCTGGTGTCTCATCGG
 CTCCCACCCCGACCTCTCTTCTGCTGCGGGCAGGGGTGACTTTGCAGTGGATCCTGACCAGCCGCTG
 AGCGCCAAGAGGAACCCATTGACGTGGACCCCTTACCTACCAGAGCACCCGCCAGGAGGCCTGTACG
 CCATGGGGCCGCTGGCCGGGACAATTCTGTGAGGTTTGTGACGGGGGCGCCTTGGCTGTGGCCAGCTC
 CTGCTAAGGAAGGAGACCAGGAAGCCACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC212870 representing NM_182981
 Red=Cloning site Green=Tags(s)

MSSSRKDLHGASSSEPLPVIIIVGNPSPGICLSYLLSGYTPYTKPDAIHPHLLQRKLTEAPGVSILDQDL
 DYLSGLEGRSQSPVALLFDALLRPDTEFGNMKSVLTKWHRKEHAIPHVVLGRNLPGGAWHSIEGSMVI
 LSQGWMLPDLEVKDWMQKRRRLRNSRATAGDIAHYRDRYVVKGLGHNFSVAVVTAVEWGTDPSS
 CGAQDSSPLFQVSGFLTRNQAQPFSLWARNVVLATGTFDSPAFLGIPGEALPFIHHELSALEAATRVGA
 VTPASDPVLIIGAGLSAADAVLYARHYNIPVIHAFRRVDDPGLVFNQLPKMLYPEYHKVHQMMREQSIL
 SPSPYEGYRSLPRHQLLCKEDCQAVFQDLEGEVVFVGSLLVLLIGSHPDLSFLPGAGADFVDPDQPL
 SAKRNPIDVDPFTYQSTRQEGLYAMGPLAGDNFVRFVQGGALAVASSLLRKETRP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_182981

ORF Size:

1431 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_182981.1</u>
RefSeq Size:	1930 bp
RefSeq ORF:	1434 bp
Locus ID:	29948
UniProt ID:	<u>Q9UJX0</u>
Cytogenetics:	16q23.3
MW:	51.8 kDa