

Product datasheet for **RC201344A1V**

Human OSBPL2 (NM_144498) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human OSBPL2 (NM_144498) AAV Particle
Tag:	Myc-DDK
Symbol:	OSBPL2
Synonyms:	DFNA67; DNFA67; ORP-2; ORP2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201344 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAACGGAGAGGAAGAATTCTTTGATGCCGTACAGGCTTTGATTCTGATAACTCTTCTGGGAATTTT
 CAGAGGCAATCAGAAAGTCACGGAATGATTGACTTAGACACCAGCAAAAATAATAGGATTGGGAAAAC
 TGGGGAGAGGCCCTCTCAAGAGAACGGAATTCAGAAACACAGGACATCGCTGCCGGCTCCCATGTTTCAGC
 AGAAGCGACTTCAGCGTGTGGACCCTCTGAAGAAGTGTGTTGGCCTGGAGCTGTCCAAGATCACGATGC
 CAATCGCCTTCAACGAGCCTCTGAGCTTCTGCAGCGGATCACGGAGTACATGGAGCACGTGTACCTCAT
 CCACAGGGCCTCTGCCAGCCCCAGCCCTGGAGAGGATGCAGTCTGTGGCTGCTTTTGTGTTTCGGCT
 GTGGCTTCCCAGTGGGAGAGGACCGGCAAAACATTTAATCCACTCTGGGAGAAACGTATGAATTAATCA
 GGAAGATTTAGGATTGAGATTTATATCGGAACAGGTCAGTACCACCCCCCATCAGTGCCTTCCACTC
 GGAAGGTCTCAACCATGACTTCTGTTCATGGCTCCATCTACCCCAAGCTCAAGTTCTGGGGCAAAAGC
 GTGGAGGCGGAGCCCCGAGGCACCATCACCTGGAGCTGCTCAACATAATGAAGCCTACACCTGGACCA
 ACCCCACCTGCTGCGTCCACAACGTATCATCGGGAAGCTGTGGATAGAGCAGTATGGGACAGTGGAGAT
 TTAAACCACAGAAGTGGACATAAGTGTGTGCTTCACTTTAAACCGTGTGGATTATTTGGAAAAGAACTT
 CACAAGGTGGAAGGACACATTCAAGACAAAAACAAAAGAAGCTCTTTATGATCTATGGCAAATGGACGG
 AATGTTTGTGGGCATAGATCCTGTTTCGTATGAATCCTTCAAGAAGCAGGAGAGGAGAGGTGACCACCT
 GAGAAAGGCCAAGCTGGATGAAGACTCCGGGAAGGCTGACAGCGACGTGGCTGACGACGTGCCTGTGGCC
 CAGGAGACCGTGCAGGTCATTCTGGCAGCAAGCTGCTCTGGAGGATCAACACCCGGCCCCCAACTCTG
 CCCAGATGTATAATTTACCAGTTTCACTGTGAGCCTCAACGAGCTGGAGACAGGCATGGAGAAGACCT
 GCCACCCACGGACTGCCGCTGCGCCCTGACATCCGCGGCATGGAGAATGGCAACATGGATCTGGCCAGC
 CAGGAGAAGGAGCGGCTGGAGGAGAAGCAGAGAGAAGCACGGAGGAGCGGGCCAAAGGAGGAGGCAGAGT
 GGCAGACGAGGTGTTTCTACCCAGGCAATAACCCCTACACTGGGACCCCGACTGGTTGTATGCAGGGGA
 TTACTTTGAGCGGAATTTCTCCGACTGCCAGATATCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201344 protein sequence
 Red=Cloning site Green=Tags(s)

MNGEEFFDAVTGFDSDNSSGEFSEANQKVTGMIDLDTSKNNRIGKTGERPSQENGIQKHRTSLPAPMFS
 RSDFS VWTILKKCVGLELSKITMPIAFNEPLSFLQRITEYMEHVYLIHRASCQPQPLERMQSVAFAVSA
 VASQWERTGKPFNPLLGETYELIREDLGFRFISEQVSHHPPISAFHSEGLNHDFLFHGSIYPKLFWGKS
 VEAEPRGITITLELLKHNEAYTWNPTCCVHNVIIGKLWIEQYGTVEILNHRTGHKCVLHFKPCGLFGKEL
 HKVEGHIQDKNKKLFMIYGWTECLWGIDPVSYESFKKQERRGDHLRKAKLDEDSGKADSDVADDVPVA
 QETVQVIPGSKLLWRINTRPPNSAQMYNFTSFTVSLNELETGMEKTLPTDCRLRPDIRGMENGNMDLAS
 QEKERLEEKQREARRERAKEAEWQTRWFYPGNPNPYTGTPDWLYAGDYFERNFSDCPDIY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_144498

ORF Size:

1440 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_144498.1</u>
RefSeq Size:	4027 bp
RefSeq ORF:	1443 bp
Locus ID:	9885
UniProt ID:	<u>Q9H1P3</u>
Cytogenetics:	20q13.33
MW:	55.2 kDa