

Product datasheet for **RC228283A1V**

Human SUMF1 (NM_001164675) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human SUMF1 (NM_001164675) AAV Particle
Tag: Myc-DDK
Symbol: SUMF1
Synonyms: AAPA3037; FGE; UNQ3037
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC228283 representing NM_001164675
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTGCGCCCGCACTAGGGCTGGTGTGTGGACGTTGCCCTGAGCTGGGTCTCGTCCTCTTGCTGCTGC
 TGCTCTCGCTGCTGTGTGGAGCGGCAGGGAGCCAGGAGGCCGGGACCGGTGCGGGCGCGGGGTCCCTTGC
 GGGTTCTTGCGGCTGCGGCACGCCCCAGCGGCTGGCGCCCATGGCAGTTCGGCAGCCGCTCACCGATAC
 TCGCGGGAGGCTAACGCTCCGGGCCCGTACCGGAGAGCGGCAACTCGCGCACTCAAAGATGGTCCCCA
 TCCCTGCTGGAGTATTTACAATGGGCACAGATGATCCTCAGATAAAGCAGGATGGGGAAGCACCTGCGAG
 GAGAGTTACTATTGATGCCTTTTACATGGATGCCTATGAAGTCAGTAATACTGAATTTGAGAAGTTTGTG
 AACTCAACTGGCTATTTGACAGAGGCTGAGAAGTTTGGCGACTCCTTTGTCTTTGAAGGCATGTTGAGTG
 AGCAAGTGAAGACCAATATTCAACAGGCAGTTGCAGCTGCTCCCTGGTGGTTACCTGTGAAAGGCGCTAA
 CTGGAGACACCCAGAAGGGCTGACTCTACTATTCTGCACAGGCCGGATCATCCAGTTCTCCATGTGTCC
 TGGAATGATGCGGTTGCCTACTGCACTTGGGCAGGGAAGCGGCTGCCACGGAAGCTGAGTGGGAATACA
 GCTGTCGAGGAGGCTGCATAATAGACTTTTCCCTGGGGCAACAACTGCAGCCCAAAGGCCAGCATT
 TGCCAACATTTGGCAGGGCGAGTTTCCGGTGACCAACTGGTGAGGATGGCTTCAAGGAAGTGCACCT
 GTTGATGCCTTCCCTCCCAATGGTTATGGCTTATACAACATAGTGGGGAACGCATGGGAATGGACTTCAG
 ACTGGTGGACTGTTTCATCTGTTGAAGAAACGCTTAACCCATCTTATTGTTACAGGTATCGCTGTGC
 TGCTCGGAGCCAGAACACACCTGATAGCTCTGCTTGAATCTGGGATTCGCTGTGCAGCCGACCGCCTG
 CCCACTATGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence:	>RC228283 representing NM_001164675 Red=Cloning site Green=Tags(s) MAAPALGLVCGRCPELGLVLLLLLLSLLCGAAGSQEAGTGAGAGSLAGSCGCGTPQRPGAHGSSAAAHRY SREANAPGPVPGERQLAHSKMVPIAGVFTMGTDPPQIKQDGEAPARRVTIDAFYMDAYEVSNTFEKFKV NSTGYL TEAEKFGDSFVFEGMLSEQVKTNIIQQAVAAAPWWLPVKGANWRHPEGPDSTILHRPDHPVLHVS WMDAVAYCTWAGKRLPTEAEWEYSCRGGLHNRLFPWGNKLQPKGQHYANIWQGEFPVTNTGEDGFQGTAP YDAFPNGYGLYNIVGNAWEWTSDWWTVHHSVEETLNPSYCYRYRCAARSQNTPDSSASNLGFRCAADRL PTMD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001164675
ORF Size:	1062 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_001164675.1</u> , <u>NP_001158147.1</u>
RefSeq ORF:	1065 bp
Locus ID:	285362
UniProt ID:	<u>Q8NBK3</u>
Cytogenetics:	3p26.1
MW:	38.39 kDa