

Product datasheet for **RC201021A1V**

Human Suppressor of Fused (SUFU) (NM_016169) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Suppressor of Fused (SUFU) (NM_016169) AAV Particle
Tag:	Myc-DDK
Symbol:	Suppressor of Fused
Synonyms:	JBTS32; PRO1280; SUFUH; SUFUXL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201021 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGAGCTGCGGCCTAGCGGCGCCCCGGCCCCACCGCGCCCCGGCCCCTGGCCCCACTGCCCCCC
 CGGCCTTCGCTTCGCTCTTTCCCCGGGACTGCACGCCATCTACGGAGAGTGCCGCCCTTTACCTGA
 CCAGCCGAACCCGCTCCAGGTTACCGCTATCGTCAAGTACTGGTTGGGTGGCCAGACCCCTTGACTAT
 GTTAGCATGTACAGGAATGTGGGGAGCCCTTCTGCTAACATCCCCGAGCACTGGCACTACATCAGCTTCG
 GCCTGAGTGATCTCTATGGTGACAACAGAGTCCATGAGTTTACAGGAACAGATGGACCTAGTGGTTTTGG
 CTTTGAGTTGACCTTTCGTCTGAAGAGAGAACTGGGGAGTCTGCCCCACCAACATGGCCCGCAGAGTTA
 ATGCAGGGCTTGGCAGATACGTGTTCCAGTCAGAGAACACCTTCTGCAGTGGGACCATGTGTCCTGGC
 ACAGCCCTTTGGATAACAGTGAAGTCAAGAATTCAGCACATGCTGCTGACAGAGGCCACAGATGCAGCC
 CGTGCAGACACCCCTTTGGGGTAGTTACCTTCTCCAGATCGTTGGTGTCTGCACTGAAGAGCTACTCA
 GCCCAGCAGTGAACGGGACGGGCATCCTGGAGCTGCTGCGGACAGTGCCTATTGCTGGCGGCCCTGGC
 TGATAACTGACATGCGGAGGGGAGAGACCATATTTGAGATCGATCCACACCTGCAAGAGAGAGTTGACAA
 AGGCATCGAGACAGATGGCTCCAACCTGAGTGGTGTGAGTGCCAAAGTGTGCTGGGATGACCTGAGCCGG
 CCCCCGAGGATGACGAGGACAGCCGGAGCATCTGCATCGGCACACAGCCCCGGCGACTCTCTGGCAAAG
 ACACAGAGCAGATCCGGGAGACCCTGAGGAGAGGACTCGAGATCAACAGCAAACCTGTCTTCCACCAAT
 CAACCTCAGCGGCAGAAATGGCCTCGCCACGACCGGGCCCCGAGCCGCAAAGACAGCCTGGAAGTGAC
 AGCTCCACGGCCATCATTCCCCATGAGCTGATTCGCACGCGGCAGCTTGAGAGCGTACATCTGAAATTC
 ACCAGAGTCCGGAGCCCTCATTCTCTGCTAAGGGGACAGGCTCTGCATGGACGGCACTTTACATA
 TAAAAGTATCACAGGTGACATGGCCATCACGTTTGTCTCCACGGGAGTGAAGGCGCCTTTGCCACTGAG
 GAGCATCTTACGCGGCTCATGGACCCTGGTTACAAATTCGTTGACCGAAGAGTTTGTAGAGAAAATGT
 TGGAGGATTTAGAAGATTTGACTTCTCCAGAGGAATCAAACCTCCCAAAGAGTACAGCTGGCCTGAAAA
 GAAGCTGAAGGTCTCCATCTGCCTGACGTGGTGTTCGACAGTCCGCTACAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201021 protein sequence
 Red=Cloning site Green=Tags(s)

MAELRPSGAPGPTAPPAPGPTAPPAFASLFPPGLHAIYGEERRLYPDQPNPLQVTAIVKYWLGDPDLDY
 VSMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHEFTGTDGPSGFGLTFRLKRETGESAPPTWPAEL
 MQGLARYVVFQSENTFCSDHVSWSPLDNSESRIQHMLLTEDPQMOPVQTPFGVVTFLQIVGVCTEELHS
 AQQWNGQGIPELLRTVPIAGGPWLITDMRRGETIFEIDPHLQERVDKGIETDGSNLSGVSAKCAWDDLRSR
 PPEDEDSRSICIGTQPRRLSGKDTEQIRETLRRGLEINSKPVLPPINPQRQNGLAHDRAPSRKDSLES
 SSTAIIIPHELIRTRQLESVHLKFNQESGALIPCLRGRLLHGRHFTYKSITGDMAITFVSTGVEGAFATE
 EHPYAAHGPWLQILLTEEFVEKMLEDLTSPEEFKLPKEYSWPEKKLKVSIILPDVVFDSPLH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_016169

ORF Size:

1452 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_016169.2</u>
RefSeq Size:	4994 bp
RefSeq ORF:	1455 bp
Locus ID:	51684
UniProt ID:	<u>Q9UMX1</u>
Cytogenetics:	10q24.32
MW:	53.9 kDa