

Product datasheet for **RC223855A1V**

Human SDF1 (CXCL12) (NM_001033886) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human SDF1 (CXCL12) (NM_001033886) AAV Particle
Tag: Myc-DDK
Symbol: SDF1
Synonyms: IRH; PBSF; SCYB12; SDF1; TLSF; TPAR1
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC223855 representing NM_001033886
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAACGCCAAGGTCGTGGTCGTGGTCCTCGTGCTGACCGCGCTCTGCCTCAGCGACGGGAAGCCCC
TCAGCCTGAGCTACAGATGCCCATGCCGATTCTTCGAAAGCCATGTTGCCAGAGCCAACGTCAGCATCT
CAAAATCTCAACTCCAACTGTGCCCTTCAGATTGTAGCCCGGCTGAAGAACAACAACAGACAAGTG
TGCATTGACCCGAAGCTAAAGTGGATTACAGAGTACCTGGAGAAAGCTTAAACAAGGGGCGCAGAGAAG
AAAAAGTGGGGAAAAAGAAAAGATAGGAAAAAGAAGCGACAGAAGAAGAGAAAGGCTGCCAGAAAAG
GAAAAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC223855 representing NM_001033886
Red=Cloning site Green=Tags(s)

MNAKVVVVLVLTALCLSDGKPVLSYRCPFRFFESHVARANVKHLKILNTPNCALQIVARLKNNNRQV
CIDPKLKIWEYLEKALNKGREEKVGKKEKIGKKRQKRKAAQKRKN

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001033886



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ORF Size:	357 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_001033886.1</u>
RefSeq Size:	471 bp
RefSeq ORF:	360 bp
Locus ID:	6387
UniProt ID:	<u>P48061</u>
Cytogenetics:	10q11.21
MW:	13.5 kDa