

Product datasheet for **RC200818A1V**

Human MDS028 (ITFG2) (NM_018463) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MDS028 (ITFG2) (NM_018463) AAV Particle
Tag:	Myc-DDK
Symbol:	MDS028
Synonyms:	FGGAP1; MDS028
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC200818 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGTCAGTTAGCTACGTGCAGCGCGTGGCGCTGGAGTTCAGCGGGAGCCTCTTCCCGCACGCAATCT
 GCCTCGGAGACGTTGATAACGATACGTTAAATGAAGTGGTGGGAGACACCGCGGAAGGTGTCTGT
 GTATAAAAATGATGACAGTCGGCCATGGCTCACCTGTTCTGCCAGGAATGCTGACTTGCCTTGGGGTT
 GGAGACGTGTGTAATAAGGAAAGAACCTGTTGGTGGCAGTGAGTGCTGAAGGCTGGTTTCATTTGTTTG
 ACCTGACACCTGCCAAGGTGTTGGATGCTTCTGGGCACACGAGACACTAATCGGAGAGGAGCAGCGTCC
 AGTCTTCAAGCAGCACATCCCTGCCAACCAAGGTGATGCTGATCAGCGACATCGATGGAGATGGGTGT
 CGTGAGCTGGTGGGTACACAGACCGTGTGGTGGCAGCTTCCGCTGGGAGGAGCTAGGTGAGGGTC
 CTGAACATCTGACAGGGCAGCTGGTGTCCCTCAAGAAATGGATGCTGGAGGGTCAGGTGGACAGCCTCTC
 AGTGACTCTGGGGCCACTGGGTCTTCTGAAGTATGGTGTCTCAGCCAGGTTGTGCGTATGCAATTCTA
 CTGTGTACCTGGAAAAAGGACACTGGGTCCCCTCTGCCTCTGAAGGGCCACCGATGGTAGTAGGGAGA
 CCCCAGCTGCCGAGACGTGGTGTGCACACAGACATCTGGCCGTATCCACAACAAGAATGTCTCCACTCA
 CCTAATTGGCAACATCAAACAAGGCCACGGCACTGAGAGTAGTGGCTCTGGCCTCTTGGCCTGTGCACC
 CTGGATGGGACACTGAAGCTCATGGAAGAAATGGAAGAAGCAGACAAGCTGCTGTGGTCACTGCAGGTGG
 ATCACCAGCTCTTGGCCTGGAGAACTGGATGTCACCGGCAACGGGCATGAGGAGGTAGTTGCATGCGC
 CTGGGATGGACAGACATATCATTGATCACACCGCACCGTCGTCGCTTCCAAGTGGATGAAATATC
 CGTGCCTTCTGTGCAGGCCTGTACGCCTGCAAAGAGGGCGCAACAGCCCCTGCCTCGTATATGTCACTT
 TCAACCAAGAATCTATGTGTACTGGGAGGTGCAGCTGGAGCGGATGGAGTCTACCAATCTGGTAAACT
 GCTGGAGACCAAGCCGGAGTACCACAGCCTGCTGCAGGAGCTGGGCGTGGATCCTGACGACCTCCCTGTG
 ACTCGTGCCCTGCTTACCAAACGCTCTACCATCCAGACCAGCCACCACAGTGTGCTCCCTCAAGCCTCC
 AGGATCCACC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200818 protein sequence
 Red=Cloning site Green=Tags(s)

MRSVSYYQRVALEFSGSLFPHAICLDVDNDTLNELVVGDTSGKVSYYKNDDSRPWLTCSCQGMLTCVGV
 GDVNCNKGKLLVAVSAEGWFHFLDTPAKVLDSGHHTLIGEEQRPVFKQHIPANTKVMLISDIDGDC
 RELVVGTYDRVRAFRWEELGEGPEHLTGQLVSLKKWMLEGQVDSL SVTLGPLGLPELMVSQPGCAYAIL
 LCTWKKDTGSPPASEGPTDGSRETPAARDVVLHQTSGRIHNKNVSTHLIGNIKQGHGTSSGSLFALCT
 LDGTLKLMEEMEEADKLLWSVQVDHQLFALEKLDVTGNGHEEVVACAWDGQTYIIDHNRTVVRVQVDENI
 RAFCAGLYACKEGRNSPCLVYVTFNQKIYVYWEVQLERMESTNLVKLLETKEPYHSLQLGLVDPDDLPLV
 TRALLHQTLYHPDQPPQCAPSSLQDPT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_018463

ORF Size:

1341 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_018463.2</u>
RefSeq Size:	2379 bp
RefSeq ORF:	1344 bp
Locus ID:	55846
UniProt ID:	<u>Q969R8</u>
Cytogenetics:	12p13.33
MW:	49.3 kDa