

Product datasheet for **MR209228A1V**

Mouse Frs1 (NM_001113478) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Frs1 (NM_001113478) AAV Particle
Tag:	Myc-DDK
Symbol:	Frs1
Synonyms:	A1131732; Sdfr2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209228 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCGGCTCCCAGATCACCTCAGTGTCTTGATTGCCTTGCTCACTTGCTCTGTGACTGCTTATC
 CCAATGGCAAAGTACCAATGTCTGTGGTGGGATGATCCCCAACATAACCACAGCCACAGTCTGAGCC
 TATTCACCAAATCACAGTGAGTCAGACGACGTTCAAACCTGGAGACCAGATCGAAGTTACTTTATCAGGA
 CCACCATTTAGAGGCTTTCTTTTGAAGCTCGTGATGCTGAGAATTTGAGCGGCCCTCTATTGGCTCT
 TCACTCTGATTGACAGCGAAGAGTCACAGCTTCTGACCTGTACCGATGTACAGGGATTAGCTGTGAGTCA
 TACAAGGTCATCCAAGAAGACAGAAATTAAGTCTACTGGGATGCTCCAAGCCCTGCCCCAGATCACATA
 CGATTTCTAGCTACAGTTGTTTCAAGAAATTAAGTCTACTGGGTAAGATTCCGAGTCCCGTAATTTCCC
 AACCGAATGCTCTCCCTTACGACACCTAAAGCTACAACCCAACTTTGACAACGCCACCTTCTGTCTC
 ACACCTAACCAAACCATTCAGTGCCTTCGAGTGTGGGAACAAGATTCTGTGTCAGGAGTCTTTGAAC
 TGTGATCCAGAGAAGGAGCCTGCATGCGTCTTCTGTCTTCACCAGAGACAACAGTCAGTGATGGTTG
 AAATGAGCGGACCCAGTGACGGCTATGTGTCGTTTGCATTTTCTCACGACCAGTGGATGGCGCAGCATGA
 TGCTTACTTGTGCATCCGTGAGGACCAGACAGTAGATATACAGCCTTCTACTTGACAGGGAGAAGTTAT
 CCTGTGATGGACTCCAGGGGACTCTGGAGGACATGGCCTGGAGGCTGGCGGACGGCGTCATACAGTGTT
 CATTGAGAAGAAACATCACCTTCTGAGGCTAAGAACAGATTGTGCTGAATGAGAGCTACTACATATT
 CTTGCGAGAAGGCCGTCTCACGACGGCCGAATATTTAGGCACTCTCAGCAACCTTTGATAACATATGAA
 AAATACAACGTAAACAGACACTCAAAGAGCGTAGGAGGGTCCCGCTCTCACCCCTTTGAAGGCTCATG
 GTGCCTTAATGTTTGTGGCATGGATGACCACGTCAGCATTGGAGTCTGTTGCCCCGTTCTTCAGATC
 TGTTTGGTCGAAAGCTTCTTCTCAGGGAAGCAGCTTGGTTTTCAGGTGCATCGGATGCTCATGGTAGCT
 ACCTCCCTGCTCACCTGCGTTGCTTTTGTGTTTGGCCTTGTGTACCGCGGAGGCTGGAGTTGGCGCGCAG
 GCTACCACCCGTACCTCGTTGTACAGTGATGACCTTAGCTGTCTTCAGCCTCTGCTGGCAACCTTCAG
 ACCACCTTTACACGACCCAAGGAGGCAAGTGTTAACTGGACTCACTGGAGTGTGGGGACAGCCGCTAGA
 ATAATAGCAGTGGCAGCAATGTTCTAGGAATGGATTGCGAGGACTGAATCTCCAGTCCACAGAAGA
 CCTACGCAATGATGGGCTTTGTGGTCTGGCACATCGGGACTGAGGTATTCTGGAGATACATGCTTACCG
 GCTCTCTAGAAAAGTTGAAATACTGGACAACGATAGGATCAAATCCTCAGTCACTGACTGTGCGAGAA
 GCAGAGGGTCATGTTTTAAGAAGGTGGTGTGGCCGTTACATATGTGGGAATGTGATTTTCTCTCGA
 TATTCTTATCTGAATCAACCACATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209228 protein sequence
 Red=Cloning site Green=Tags(s)

MAAPQITLSVLVIALLTCSVTAYPNGKVPMSCGMIPQHNHSPQSEPIHQITVSQTTFKPGDQIEVTL
 PPFRGFLLEARDAENLSGPPIGSFTLIDSEESQLLTCTDVQGLAVSHTRSSKTEIKVYWDAPSPAPDHI
 RFLATVVQKFKIYWKIPSPVISQPNAPPFTTPKATTQPLTTPPSVSHLTKPFSAFECGNKKFCVRSPLN
 CDPEKEPACVFLSFTRDNQSVVMESGPSDGYVSFAFSDQWMDDDAYLCIREDQTVDIQPSYLTGRSY
 PVMDSRGTLTMAWRLADGVIQCSFRRNITLPEAKNRFVLNYESYIFFAEGPSHDGRIFRHSQQPLITYE
 KYNVTDTPKSVGGSRSSPLKKAHGMFVAMMTTVSIGVLVARFFRSVWSKAFFLREAAWFQVHRMLMVA
 TSLTTCVAFVLPFVYRGGWSWRAGYHPYLGCTVMTLAVLQPLLATFRPPLHDPRRQVFNWTHWSVGTAAR
 IIAVAMFLGMDLPGLNLPSPQKTYAMMGFVWHIGTEVILEIHAYRLSRKVEILDNDRIQILQSLTVAE
 AEGHVFKKVVLAUYICGNVIFLSIFLSAINHI

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_001113478
ORF Size:	1776 bp
Buffer:	PBS with 0.001% Pluronic F343
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_001113478.1, NP_001106950.1</u>
RefSeq Size:	2546 bp
RefSeq ORF:	1779 bp
Locus ID:	20321
UniProt ID:	<u>Q8K385</u>
Cytogenetics:	3 G1
MW:	66 kDa