

Product datasheet for **MR208163A1V**

Mouse Frs2 (NM_177798) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Frs2 (NM_177798) AAV Particle
Tag:	Myc-DDK
Symbol:	Frs2
Synonyms:	4732458E18; C330018A15Rik; Frs2alpha; SNT1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR208163 representing NM_177798
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTAGCTGTTGTAGCTGTCCAGATAAAGACTGTCCAGATAACCATCGGAACAAGTTAAGTCA
 TTAATGTGGATGATGATGGGAATGAGCTAGGCTCTGGTGTGATGGAACACACAGACAGAGCTGATTCT
 GTACACCCGGAACGGGACTCGGTAAAAATGGCACTACCTCTGCCTACGACGATACGGCTATGACTCAAAT
 CTGTTTTCTTTTGAAGTGGTGAAGGTGTGACTGGACAAGGAATTTTGTCTTTAAGTGTGCCCGTG
 CAGAAGAATTATTAACATGTTGCAAGAGATTGCAAAATAATAGTATAAATGTGGTGAAGAGCCGGT
 TGTAGAAAGGAGTAGTCATCAGACAGAGCTGGAAGTCCCTAGGACACCTCGGACACCTACAACCTCAGGG
 CTCGGTGTCTAGAAGTACCTAATGGGTATCCCCGCTACCCCTCGTTTGGAGACGCTTCATCCCACCCCT
 CAAGCCGGCATCCTTCGGTGGGAAGTGTCTCGTTACCTTCAGTCGGTGAAGAGTCCACACACCCCTTGTCT
 CGTGGCTGAGGAACAAGTACATACTTATGTTAACACTACAGGTGTGCAAGAGGAGCGAAAAACCGTGCA
 AGTGTGCATGTTCCCCAGAGGCAAGGGTTTCTAATGCTGAGAGCAACACACCAAAAGAGAGCCGAGTA
 ACCCCGAGGACAGGGACCCGCAAGTGCTTCTTAAGCCTGAAGGAGTCAGGTTTGTCTAGGACCAACCC
 TGTCCAGAAGCAGTAAATGGAAGGAGAACTGGAGCAACTGGGAAAAGACCCAGTCAGTGGGAGTGGG
 GCGGGCAACACGGAGTGGGACACCGGCTATGACAGTGACGAGCGCAGAGATGTGCCCCCTGTCAACAAAC
 TGGTGTATGAAAATAAACGGGCTATCTATCCCAAGTGCCTCAGGGGTGAGGAGGTCGTCTGACATC
 TACCAGACCTCAGACACCCAGAATATCAACAACCTCAGCGCAGAGAAGACCTGCACTATTAACATGAA
 AATTTACCATCTTTGCCTCCTGTTTGGGAAGCCCGCAAGCTCAGTAGGGATGAAGTACAATTTAGGAC
 CAAAGACCCCATCTCTAAATGGTACCATAATAATCTAGATCCAATGCATAACTATGTTAATACAGAGAA
 TGTAAACAGTGCCGGCAAGTGCTCACAAAATAGACTATTGGAAGCGCAGGGATTGTACACCGACAGTCTTT
 AACTTTGATATCAGGCGACCCAGTTTAGAACATAGGCAACTCAATTATATACAGGTGGATTTGGAAGGG
 GCAGTGACTCTGACAACCTCAGACTCCAAAAACGCCGACCACTCCCCTCCCGAAAACCCACGCGGCG
 CACAGAGCTGTACGCTGTGATAGACATTGAGAGAACTGCTGCTATGTCCAACCTGCAGAAAGCGCTGCT
 CGAGACGACGGTACATCTCGGAAGACGAGGCACAATAGTACTGACCTGCCCATG

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGSCCSPDKDTPVDNHRNFKVINVDDDGNELGSGVMELTDELI LYTRKRDSVKWHYLCLRRYGYDSN
 LFSFESGRRCQTGQIFAFKCARAEELFNMLQEIMQNNSINVVEEPPVERSSHQTELEVPRTPTPTTPG
 LGAQNL PNGYPRYP SFGDASSHPSSRHPSVGSARLPSVGEESTHPLLVAEEQVHTYVNTTGVQEERKNRA
 SVHVPPEARVSNAESNTPKEEPSNPEDRDPQVLLKPEGVRFVLGPTPVQKQLMEKEKLEQLGKDPVSGSG
 AGNTEWDTGYDSDERRDVPVKNLVYENINGLSIPSASGVRRGRLTSTSTSDTQINNSAQRRPALLNVE
 NLPVSLPPVWEARKLSRDEDDNLGPKTPSLNGYHNLDPMHNYVNTENVTPASAHKIDYSKRRCPTVVF
 NFDIRRPVLEHRQLNYIQVDLEGGSDSDNPQTPKPTTTPLPQTPTRRELYAVIDIERTAAMSNLQKALP
 RDDGTSRKTRHNSTDLP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_177798

ORF Size:

1524 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_177798.3</u> , <u>NP_808466.1</u>
RefSeq Size:	5701 bp
RefSeq ORF:	1527 bp
Locus ID:	327826
UniProt ID:	<u>Q8C180</u>
Cytogenetics:	10 D2
MW:	57.2 kDa