

Product datasheet for **RC205843A1V**

Human FARS2 (NM_006567) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FARS2 (NM_006567) AAV Particle
Tag:	Myc-DDK
Symbol:	FARS2
Synonyms:	COXPD14; FARS1; HSPC320; mtPheRS; PheRS; SPG77
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205843 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGTGGGCTCAGCTCTCAGGAGAGGTGCCCATGCATATGTCTACCTGGTGAGTAAGGCCAGTCACATCT
 CCAGAGGCCATCAGACCAAGGCTGGGGATCGAGGCCTCCTGCAGCAGAGTGTGCCACCCAAAGAGCTCC
 AGGCAGTGTGGTGAGCTGCTGGGCAAACTCCTACCCTCAGGACGACCACAGCAACCTCACCCGGAAGGTC
 CTCACCAGAGTTGGCAGGAACCTGCACAACAGCAGCATACCCTCTGTGGTGATCAAGGAGAGGGTGA
 AGGAGCACTTCTACAAGCAGTATGTGGGCCGCTTTGGGACCCCGTTGTTCTCGGTCTACGACAACCTTTC
 TCCAGTGGTCAAGACCTGGCAGAACTTTGACAGCCTGCTCATCCAGCTGATACCCAGCAGGAAGAAG
 GGGGACAACCTATTACCTGAATCGGACTCACATGCTGAGAGCGCACACGTCTGCACACAGTGGGACTTGC
 TGCACGCGGGACTGGATGCCTTCTGGTGGTGGTGATGTCTACAGGCGTGACCAGATCGACTCCCAGCA
 CTACCCTATTTCCACCAGCTGGAGGCCGTGCGGCTCTTCTCCAAACATGAGTTATTTGCTGGTATAAAG
 GATGGAGAAAGCTGCAGCTCTTTGAACAAAGTTCTCGCTCTGCGCATAAACAAGAGACACACCATGG
 AGGCCGTGAAGCTTGTAGAGTTTGATCTTAAGCAAACGCTTACCAGGCTCATGGCACATCTTTTTGGAGA
 TGAGCTGGAGATAAGATGGGTAGACTGCTACTTCCCTTTTACACATCCTTCTTTGAGATGGAGATCAAC
 TTTTATGGAGAATGGCTGGAAGTTCTTGGCTGCGGGGTGATGGAACAACAACCTGGTCAATTCAGCTGGTG
 CTCAAGACCGAATCGGCTGGGCTTTTGGCCTAGGATTAGAAAGGCTAGCCATGATCCTCTACGACATCCC
 TGATATCCGCTCTCTTCTGGTGTGAGGACGAGCGCTTCTGAAGCAGTTCTGTGTATCCAACATTAATCAG
 AAGGTGAAGTTTACGCTCTTAGCAAAATATCCGCTGTGATCAATGATATTTTATTCTGGTTGCCCTCTG
 AGAATTACGCAGAAAATGATTTCTATGACTTAGTCCGAACAATTGGAGGAGACCTGGTGGAAAAGTTGA
 TCTCATAGACAAGTTTGTACATCCAAAGACGCACAAGACCAGCCACTGCTACCGCATCACGTACCGCCAC
 ATGGAACGGACTCTGTCCAGAGAGAGGTGAGGCATCCACCAGGCCTTGCAGGAGGCTGCAGTCCAGC
 TGTGGGTGTGGAGGGCAGGTTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205843 protein sequence
 Red=Cloning site Green=Tags(s)

MVGSALRRGAHAYVYLVS KASHISRGHQHQAWGSRPPAAECATQ RAPGSVVELLGKSY PQDDHSNLTRKV
 LTRVGRNLHNQQHHPLWL IKERVKEHFYKQYVGRFGT PLFSVYDNLSPV VTTWQNFDSLIPADHPSRKK
 GDNYLNRTHMLRAHTSAHQWDL LHAGLDAFLVVG DVYRRDQID SQHYPIFHQLEAVRLF SKHEL FAGIK
 DGESLQLFEQSSRS AHKQETHMEAVKLVEFDL KQTLRLMAHLFGDELEIRWVDCYFPFTHPSFEMEIN
 FHGEWLEVLGCGVMEQQLVNSAGA QDRIGWAFGLGLERLAMILYDIPDIRLFWCEDERFLKQFCVSNINQ
 KVKFQPLSKYPAVINDISFWLPSENYAENDFYDLVRTIGGDLVEKVLDIDKFVHPKTHKTS HCYRITYRH
 MERTLSQREVRHIHQALQEAAVQLLGVEGRF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_006567

ORF Size:

1353 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_006567.3</u>
RefSeq Size:	1841 bp
RefSeq ORF:	1356 bp
Locus ID:	10667
UniProt ID:	<u>O95363</u>
Cytogenetics:	6p25.1
MW:	52.4 kDa