

Product datasheet for **RC200391A1V**

Human DARS1 (NM_001349) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	DARS1
Synonyms:	aspRS; DARS; HBSL
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC200391 representing NM_001349
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCAGCGCCAGCGCCAGCCGCAAGAGTCAGGAGAAGCCGCGGAGATCATGGACGCGCGGAAGATT
 ATGCTAAAGAGAGATATGGAATATCTTCAATGATACAATCACAAGAAAAACCAGATCGAGTTTGGTTCCG
 GGTTAGAGACTTGACAATACAAAAAGCTGATGAAGTTGTTGGGTACGTGCAAGAGTTCATACAAGCAGA
 GCTAAAGGGAACAGTGCTTCTTAGTCCTACGTCAGCAGCAGTTTAAATGTCAGGCTCTTGTGGCGGTGG
 GAGACCATGCAAGCAAGCAGATGGTTAAATTTGCTGCCAACATCAACAAGAGAGCATTGTGGATGTAGA
 AGGTGTTGTGAGAAAAAGTGAATCAGAAAAATTGGAAGCTGTACACAGCAAGACGTTGAGTTACATGTTTCA
 AAGATTTATGTGATCAGTTTGCTGAACCCGCTGCCCCGTCAGCTGGATGATGCTGTTCCGCTGAGG
 CAGAAGGAGAAGAGGAAGGAGAGCTACTGTTAACCAGGATACAAGATTAGACAACAGAGTCATTGATCT
 TAGGACATCAACTAGTCAGGCAGTCTCCGCTCCAGTCTGGCATCTGCCATCTCTCCGAGAACTTTA
 ATTAACAAAGGTTTTGTGGAATCCAACTCCTAAAATTATTTAGCTGCCAGTGAAGGAGGAGCCAATG
 TTTTACTGTGTCATATTTAAAAATAATGCATACCTGGCTCAGTCCCCACAGCTATATAAGCAAATGTG
 CATTTGTGCTGATTTTGAGAAGGTTTTCTATTGGACCAGTATTCAGAGCGGAAGACTCTAATACCCAT
 AGACATCTAACTGAGTTTGTGGTTGGACATTGAAATGGCTTTTAATTACCATTACCACGAAGTTATGG
 AAGAAATTGCTGACACCATGGTACAAATATTCAAAGGACTTCAAGAAAGGTTTCAGACTGAAATTCAAAC
 AGTGAATAAACAGTTCCCATGTGAGCCATTCAAATTTTGGAGCCAACCTAAGACTAGAATATTGTGAA
 GCATTGGCTATGCTTAGGGAAGCTGGAGTGAAGTGGAGATGAAGACGATCTGAGCACACCAAAATGAAA
 AGCTGTTGGGTCAATTTGTTAAAGGAAAAGTATGATACAGATTTTATATTCTTGATAAATATCCATTGGC
 TGTAAGACCTTTCTATACCATGCCTGACCCAAGAAATCCCAACAGTCCAACTTTACGATATGTTTCATG
 AGAGGAGAAGAAATATTGTGAGGAGCTCAAAGAATACATGATCCTCAACTGCTAACAGAGAGAGCTTTAC
 ATCATGGAATTGATTGGAGAAAAATTAAGGCTTACATTGATTCCTCCGCTTTGGAGCCCTCCTCATGC
 TGGTGGAGGCATTGGATTGGAACGAGTTACTATGCTGTTTCTGGGATTGCATAATGTTCTGCAGACCTCC
 ATGTTCCCTCGTGATCCCAACGACTCACTCCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MPSASASRKSQEKPREIMDAEDYAKERYGISSMIQSQEKPDRLVRVRDLTIQKADEVVWRARVHTSR
 AKGKQCFLVLRQQFNQVQALVAVGDHASKQMVKFAANINKESIIVDVEGVVRKVNQKIGSCTQQDVELHVQ
 KIYVISLAEPRLPLQLDDAVRPEAEEGEEGRATVNQDTRLNDRVIDLRTSTSQAVFRLQSGICHLFRETL
 INKGFVEIQPKIIISAASEGKANVFTVSFKNNAFLAQSPQLYKQMCICADFEKVFISGPVFRAEDSNTH
 RHLTEFVGLDIEMAFNYHYHEVMEEIADTMVQIFKGLQERFQTEIQTVNKQFPCEPFKLEPTLRLEYCE
 ALAMLREAGVEMGEDDLSTPNEKLLGHLVKEKYDTDFYILDKYPLAVRPFYTMPDPRNPKQSNQSYDMFM
 RGEEILSGAQRIDHPQLLTERALHHGIDLEKIKAYIDSFRFGAPPHAGGGIGLERVMTMLFLGLHNVRQTS
 MFPRDPKRLTP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001349

ORF Size: 1503 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:	NM_001349.2
RefSeq Size:	2322 bp
RefSeq ORF:	1506 bp
Locus ID:	1615
UniProt ID:	P14868
Cytogenetics:	2q21.3
MW:	57 kDa