

Product datasheet for **RC223563A1V**

Human DHRS2 (NM_005794) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	DHRS2
Synonyms:	HEP27; SDR25C1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC223563 ORF sequence, **codon optimized**.
Due to the complexity of NM_005794, the ORF clone is codon optimized for mammalian Expression.
The nucleotide sequence differs from the reference sequence, yet the amino acid sequence remains identical.

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGAGCGCCGTAGCCCGAGGCTACCAGGGCTGGTTTCACCCATGCGCACGGCTCAGCGTGCGCATGT
CTTCCACCGGAATCGACCGCAAGGGGTAAGTGGCCAAAGAGTTGCTGTCGTGACCGGGTCAACTTCAGG
GATTGGGTTTGCAATTGCTCGCCGCTCGCTAGGGACGGCGCCACGTCGTGATATCCAGCAGGAAGCAA
CAGAATGTGGACCGGCAATGGCCAACTGCAGGGTGAAGGACTGTCAGTTGCCGGTATTGTCTGCCATG
TGGGGAAGGCCGAAGACCGAGAACAGTTGGTGGCAAAGCATTGGAACATTGCGGCGGGGTCGACTTCCT
GGTATGCTCAGCGGGCGTGAATCCATTGGTGGGCTCCACTCTCGGAACCTCAGAACAGATATGGGATAAG
ATTCTGTCTGTTAATGTCAAAATCCCGGCACTTCTGCTGTCTCAGTTGCTGCCGTACATGGAGAACCGGA
GAGGCGCAGTGATCCTGGTTTCATCCATTGCCGCTACAACCTGTCTAGCCCTGGGCGTGATAATGT
GTCCAAACAGCACTGCTTGGGCTCACACGAACCTCGCACTGGAGCTGGCACCCAAAGATATTAGGGTG
AACTGCGTAGTACCTGGAATAATAAACTGACTTTTCCAAGGTTTCCACGGAATGAATCACTGTGGA
AGAATTTCAAGGAACATCACCAGCTGCAGAGGATCGGGGAGTCCGAAGACTGTGCCGGCATTGTTTCTTT
TTTGTGCAGCCCCGATGCCAGCTATGTCAATGGAGAAAACATCGCTGTGGCCGGATATAGCACTAGATTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC223563 representing NM_005794 Red=Cloning site Green=Tags(s) MLSAVARGYQGWFHPCARLSVRMSSTGIDRKGVLANRVAVVTGSTSGIGFAIARRLARDGAHVVISSRKQ QNVDRAAMAKLQGEGLSVAGIVCHVGKAEDREQLVAKALEHCGGVDFLVCSAGVNPLVGSTLGTSEQIWDK ILSVNVKSPALLLSQLLPYMNRRGAVILVSSIAAYNPVVALGVYNVSKTALLGLTRTLALELAPKDIRV NCVVPGIKTDFSKVFHGNESLWKNFKEHHQLQRIGESDCAGIVSFLCSPDASYVNGENIAGVYSTRL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005794
ORF Size:	840 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_005794.2, NP_005785.1</u>
RefSeq Size:	1692 bp
RefSeq ORF:	843 bp
Locus ID:	10202
UniProt ID:	<u>Q13268</u>
Cytogenetics:	14q11.2
MW:	29.9 kDa