

Product datasheet for **RC200363A1V**

Human Ferredoxin Reductase (FDXR) (NM_024417) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Ferredoxin Reductase (FDXR) (NM_024417) AAV Particle
Tag:	Myc-DDK
Symbol:	Ferredoxin Reductase
Synonyms:	ADR; ADXR; ANOA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200363 representing NM_024417
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCTTCGCGCTGCTGGCGCTGGTGGGCTGGTGGCGTGGCCTCGGACCCGGCTGCCTCCCGCCGGGA
 GCACCCCGAGCTTCTGCCACCATTTCTCCACACAGGAGAAGACCCCCAGATCTGTGTGGTGGGAGTGG
 CCCAGCTGGCTTCTACACGGCCCAACACCTGCTAAAGCACCCAGGCCACGTGGACATCTACGAGAAA
 CAGCCTGTGCCCTTTGGCCTGGTGGCTTTGGTGTGGCGCTGATCACCCGAGGTGAAGAATGTCATCA
 ACACATTTACCCAGACGGCCATTCTGGCCGTGTGCCTTCTGGGGCAACGTGGAGGTGGGACGGACGT
 GACGGTGCCGAGCTGCGGGAGGCTACACGCTGTGGTGTGAGCTACGGGGCAGAGGACCATCGGGCC
 CTGGAATTCCTGGTGGGAGCTGCCAGGTGTGTCTCCGCCCGGCCCTTCGTGGGCTGGTACAACGGC
 TTCTGAGAACCAGGAGCTGGAGCCAGACCTGAGCTGTACACAGCCGTATTCTGGGGCAGGGAAACGT
 GGCTCTGGACGTGGCCCGCATCTACTACCCACCTGAGCACCTGGAGAGAACGACATCACGAAGGCA
 GCCCTGGGTGTACTGAGGCAGAGTCGAGTGAAGACAGTGTGGTGTAGTGGGCCGGCGTGGACCCCTGCAAG
 TGGCCTTCACCATTAAGGAGCTTCGGGAGATGATTCAATTACCGGGAGCCCGGCCCATTTTGGATCCTGT
 GGATTTCTTGGGTCTCCAGGACAAGATCAAGGAGGTCCCCCGCCGAGGAAGCGGCTGACGGAACGTCTG
 CTTGCAACGGCCACAGAGAAGCCAGGGCCGGCGGAAGCTGCCCGCCAGGCATCGGCCTCCCGTGCCTGGG
 GCCTCCGCTTTTTCCGAAGCCCCCAGCAGGTGCTGCCCTACCCAGATGGGCGCGGGGAGCAGGTGTCCG
 CCTAGCAGTCACTAGACTGGAGGTGTGATGAGGCCACCCGTGAGTGGCCACGGGAGACATGGAAGAC
 CTCCTTGTGGGCTGGTGTGCTCAGCAGCATTGGGTATAAGAGCCGCCCTGTGACCAAGCGTGCCTTTG
 ACTCAAGCTTGGGTCATCCCCAATGTGGAGGGCCGGTTATGGATGTGCCAGGCCTCTACTGCAGCGG
 CTGGGTGAAGAGAGGACCTACAGGTGTATAGCCACAACCATGACTGACAGCTTCTCACCGGCCAGATG
 CTGCTGCAGGACCTGAAGGCTGGGTGCTCCCTCTGGCCCCAGGCCTGGCTACGCAGCCATCCAGGCC
 TGCTCAGCAGCCGAGGGTCCGGCCAGTCTCTTCTCAGACTGGGAGAAGCTGGATGCCGAGGAGGTGGC
 CCGGGGCCAGGGCACGGGAAGCCAGGGAGAAGCTGGTGGATCCTCAGGAGATGCTGCGCCTCTGGGC
 CAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200363 representing NM_024417
 Red=Cloning site Green=Tags(s)

MASRCWRWWGSAWPRTLPPAGSTPSFCHHFSTQEKTPQICVVGSGPAGFYTAQHLLKHPQAHVDIYEK
 QPVPFGLVRFVAPDHPEVKNVINTFTQTAHSGRCAFWGNVEVGRDVTPELREAYHAVVLSYGAEDHRA
 LEIPGEELPGVCSARAFVGWYNGLPENQLEPDLSCDTAVILGQGNVALDVARILLTPPEHLERTDITKA
 ALGVLRSRVKTVWLVGRRGPLQVAFTIKELREMIQLPGARPILDPVDFLGLQDKIKEVPRPRKRLTELL
 LRTATEKPGPAEAAARQASASRAWGLRFFRSPQQVLPSPDGRRAAGVRLAVTRLEGVDEATRAVPTGDMED
 LPCGLVLSSIGYKSRPVDPSVPFDSKLGVIPNVEGRVMDVPGLYCSGWVKRGPTGVIAATMTDSFLTGM
 LLQDLKAGLLPSGPRPGYAAIQALLSSRGVRPVFSFSDWEKLDAAEVARGQGTGKPREKLVDPEMLRL
 LH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_024417

ORF Size:

1473 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_024417.2</u>
RefSeq Size:	1918 bp
RefSeq ORF:	1476 bp
Locus ID:	2232
UniProt ID:	<u>P22570</u>
Cytogenetics:	17q25.1
MW:	49.9 kDa