

Product datasheet for **RC200415A1V**

Human Sorbitol Dehydrogenase (SORD) (NM_003104) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Sorbitol Dehydrogenase (SORD) (NM_003104) AAV Particle
Tag:	Myc-DDK
Symbol:	Sorbitol Dehydrogenase
Synonyms:	HEL-S-95n; RDH; SDH; SORD1; SORDD; XDH
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200415 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGGGCGGGCCAAAGCCCAACAACCTTTCCCTGGTGGTGCACGGACCGGGGACTTGCGCCTGGAGA
ACTATCCTATCCCTGAACCGGCCAAATGAGGTCTTGCTGAGGATGCATTCTGTTGGAATCTGTGGCTC
AGATGTCCACTACTGGGAGTATGGTCAATTGGGAATTTATTGTGAAAAAGCCCATGGTGCTGGGACAT
GAAGCTTCGGGAACAGTCGAAAAAGTGGGATCATCGGTAAAGCACCTAAAACAGGTGATCGTGTGGCA
TCGAGCCTGGTGCTCCCGAGAAAATGATGAATTCTGCAAGATGGGCCGATACAATCTGCACCTCCAT
CTTCTTCTGTGCCACGCCCCCGATGACGGGAACCTCTGCCGGTTCTATAAGCACAATGCAGCCTTTTGT
TACAAGCTTCCTGACAATGTCACCTTTGAGGAAGGCGCCTGATCGAGCCACTTTCTGTGGGGATCCATG
CCTGCAGGAGAGGCGGAGTTACCCTGGGACACAAGGTCCTTGTGTGGAGCTGGGCCAATCGGGATGGT
CACTTTGCTCGTGGCCAAAGCAATGGGAGCAGCTCAAGTAGTGGTGACTGATCTGTCTGCTACCCGATTG
TCCAAAGCCAAGGAGATTGGGGCTGATTTAGTCCTCCAGATCTCCAAGGAGAGCCCTCAGGAAATCGCCA
GGAAAGTAGAAGGTCAGCTGGGGTGAAGCCGGAAGTCACCATCGAGTGCACGGGGCAGAGGCCTCCAT
CCAGGCGGGCATCTACGCCACTCGCTCTGGTGGGACCTCGTGCTTGTGGGGCTGGGCTCTGAGATGACC
ACCGTACCCCTACTGCATGCAGCCATCCGGGAGGTGGATATCAAGGGCGTGTTTCGATACTGCAACACGT
GGCCAGTGGCGATTTTCGATGCTTGCCTCAAGTCTGTGAATGTAAACCCCTCGTCACCCATAGGTTTCC
TCTGGAGAAAGCTCTGGAGGCCCTTTGAACATTTAAAAAGGGATTGGGGTTGAAAATCATGCTCAAGTGT
GACCCAGTGACCAGAATCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC200415 protein sequence Red=Cloning site Green=Tags(s) MAAAAKPNNLSLVVHGPGDLRLNYPPIPEPGPNEVLLRMHSGVIGSDVHYWEYGRIGNFIVKKPMVLGH EASGTVEKVGSSVKHLKPGDRVAIEPGAPRENDEFCKMGYNLSPSIFFCATPPDDGNLCRFYKHNA AFC YKLPDNVTFEEGALIEPLSVGIHACRRGGVTLGHKVLVCGAGPIGMVTLLVAKAMGAAQVVVTDLSATRL SKAKEIGADLVLQISKES PQEIARKVEGQLGCKPEVTIECTGAEASIQAGIYATRSGGTLVLVGLGSEMT TVPLLHAAIREVDIKGVFRYCNTPVVAISMLASKSVNVKPLVTHRFPLEKALEAFETFKKGLGLKIMLK DPSDQNP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003104
ORF Size:	1071 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_003104.3 , NP_003095.1
RefSeq Size:	2813 bp
RefSeq ORF:	1074 bp
Locus ID:	6652
UniProt ID:	Q00796
Cytogenetics:	15q21.1
MW:	38.3 kDa