

Product datasheet for **RC200460A1V**

Human Hydroxysteroid (17 beta) Dehydrogenase 4 (HSD17B4) (NM_000414) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Hydroxysteroid (17 beta) Dehydrogenase 4 (HSD17B4) (NM_000414) AAV Particle
Tag:	Myc-DDK
Symbol:	HSD17B4
Synonyms:	DBP; MFE-2; MFP-2; MPF-2; PRLTS1; SDR8C1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200460 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGGCTCACCGCTGAGGTTTCACGGGCGGGTGGTACTGGTCACCGGCGCGGGGCGAGGATTGGGCCGAG
CCTATGCCCTGGCTTTTGCAGAAAGAGGAGCGTTAGTTGTTGTGAATGATTTGGGAGGGGACTTCAAAGG
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TAACCAAAGGCGGAAATATTGGGGCTAAGTGGACTATTGACCTGAAAAGTGGTTCTGGAAAAGTGTACCA
AGGCCCTGAAAAGGTGCTGCTGATACAACAATCATACTTTAGATGAAGATTTATGGAGGTGGTCCTG
GGCAAGCTTGACCCTCAGAAGGCATTCTTTAGTGGCAGGCTGAAGGCCAGAGGGAACATCATGCTGAGCC
AGAACTTCAGATGATTCTTAAGACTACGCCAAGCTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC200460 protein sequence Red=Cloning site Green=Tags(s) MGSPFRFDGRVVLVTGAGAGLGRAYALFAAERGAIVVNDLGGDFKGVGKSLAADKVVVEIRRRGGKAV ANYDSVEEGEKVVKLTALDAFGRIDVVVNNAGILRDRSFARISDEWDIIHRVHLRGSFQVTRAWEHMKK QKYGRIIMTSSASGIYGNFGQANYSAAKLGLLGLANSLAIEGRKSNIHCNTIAPNAGSRMTQTVMPEDLV EALKPEYVAPLVWLCHESCEENGGLFEVGAGWIGKLRWERTLGAIVRQKNHPMTPEAVKANWKKICDFE NASKPQSIQESTGSIIIEVLKIDSEGGVSANHTSRATSTATSGFAGAIGQKLPPFSYAYTELEAIMYALG VGASIKDPKDLKFIYEGSSDFSLPTFGVIIGQKSMGGGLAEIPGLSINFVKVHGEQYLELYKPLPRA GKLGKCEAVVADVLKDGSGVVIIMDVYSYSEKELICHNQFSLFLVGSGGFGGKRTSDKVKVAVAIIPNRPPD AVLTDTTSLNQAALYRLSGDWNPLHIDPNFASLAGFDKPIHLGLCTFGFSARRVLQQFADNDVSRFKAIAK ARFAKPVYPGQTLQTEMWKEGNRIHFQTKVQETGDIVISNAYVDLAPTSAGTSAKTPSEGGKLQSTFVFEE IGRRLKDIGPEVVKVNAVFWEHITKGGNIGAKWTIDLKSGSGKVYQGPAGKAADTTIILSDEDFMEVVL GKLDLPQKAFFSGRLKARGNIMLSQKLQMLKDYAKL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000414
ORF Size:	2208 bp
Buffer:	PBS with 0.001% Pluronic F5066
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_000414.1</u>
RefSeq Size:	2710 bp
RefSeq ORF:	2211 bp
Locus ID:	3295
UniProt ID:	<u>P51659</u>
Cytogenetics:	5q23.1
MW:	79.7 kDa