

Product datasheet for **RC228433A1V**

Human HNF1 beta (HNF1B) (NM_001165923) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HNF1 beta (HNF1B) (NM_001165923) AAV Particle
Tag:	Myc-DDK
Symbol:	HNF1 beta
Synonyms:	ADTKD3; FJHN; HNF-1-beta; HNF-1B; HNF1beta; HNF2; HPC11; LF-B3; LFB3; MODY5; RCAD; T2D; TCF-2; TCF2; VHNF1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC228433 representing NM_001165923
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTGTCCAAGCTCACGTCGCTCCAGCAAGAAGCTCTGAGCGCCTGCTGAGCTCCGGGTACCAAGG
 AGGTGCTGGTTCAGGCCTTGGAGGAGTTGCTGCCATCCCGAAGCTTCGGGGTGAAGCTGGAGACGCTGCC
 CCTGTCCCTGGCAGCGGGGCCGAGCCGACACCAAGCCGGTCTTCCATACTCTACCAACGGCCACGCC
 AAGGGCCGCTTGTCCGGCAGCAGGGCTCCGAGGACGGCGAGCTATGACACACCTCCCATCTCAAGG
 AGCTGCAGGCGCTCAACACCGAGGAGCGGGGAGCAGCGGGCGAGGTGGACCGGATGCTCAGTGAGGA
 CCCTTGGAGGGCTGCTAAATGATCAAGGTTACATGCAGCAACACAACATCCCCAGAGGGAGGTGGTC
 GATGTCACCGCCTGAACAGTCGCACCTCTCCAGCATCTCAACAAGGCACCCCTATGAAGACCCAGA
 AGCGTGCCGCTCTGTACACCTGGTACGTCAGAAAGCAACGAGAGATCCTCCGACAGTTCAACAGAG
 CCATGGGCCTGGGCAGTCCGATGATGCCTGCTCTGAGCCACCAACAAGAAGATGCGCCCAACCGGTT
 AAATGGGGCCCGCTCCAGCAAATCTTGTACCAGGCCTACGATCGGCAAAAAGAACCCAGCAAGGAAG
 AGAGAGAGGCCTTAGTGGAGGAATGCAACAGGGCAGAATGTTGCAGCGAGGGGTGTCCCCCTCCAAAGC
 CCACGGCTGGCTCAAACCTGGTCACTGAGGTCCGTGTCTACAACCTGGTTTGCAAACCGCAGGAAGGAG
 GAGGCATTCGGCAAAAGCTGGCCATGGACGCCTATAGCTCCAACCGACTCACAGCCTGAACCCCTGTC
 TCTCCACGGCTCCCCCACCACCGCCAGCTCCTCTCTCCAAACAAGCTGTCAGGAGTGCCTACAG
 CCAGCAGGAAACAATGAGATCACTTCTCTCAACAATCAGTCACCATGGCAACAGCGCCATGGTGACC
 AGCCAGTCGGTTTTACAGCAAGTCTCCCGAGCAGCCTGGACCCAGGCCACAATCTCTCTCACGTGATG
 GTAATAATGATCTCAGTCTCAGGAGGAGTTTGGCCCGAGTCAGCACCTTGACGAATATCCACAGCCTCTC
 CCACCATAATCCCGCAATCTCAAAACCTCATGACACCCCTCTCTGGAGTCATGGCAATTGCACAA
 AGCCTCAACACCTCCCAAGCACAGAGTGTCCCTGTCTCAACAGTGTGGCCGGCAGCCTGGCAGCCCTGC
 AGCCCGTCCAGTTCTCCAGCAGCTGCACAGCCCTCACCAGCAGCCCTCATGCAGCAGAGCCAGGCGAG
 CCACATGGCCAGCAGCCCTTATGGCAGCTGTGACTCAGCTGCAGAACTCACACATGTACGCACACAAG
 CAGGAACCCCCCAGTATTCCACACCTCCCGTTTTCCATCTGCAATGGTGGTACAGATACCAGCAGCA
 TCAGTACTACTACCAACATGTCTCAAGTAAACAGTGTCTCTACAAGCTGG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MVSKLTSLQQELL SALLSSGVTKVELVQALEELL PSPNFGVKLETLP LSPGSGAEPDTPKVFHTLTNGHA
 KGRLSGDEGSEDGDDYDTPPIKELQALNTEAAEQRAEVDRLSEDPWRAAKMIKGYMQHNIHQREV
 DVTGLNQSHLSQHLNKGTPMKTQKRAALYTWYVRKQREILRQFSQQSHGPGQSDDACSEPTNKKMRRNRF
 KWGPASQQILYQAYDRQKNPSKEEREALVEECNRAECLQGVSPSKAHGLGSLNLTVEVRYVYVWFANRRKE
 EAFRQKLAMDAYSNNQTHSLNPLL SHGSPHHQPSPPNKL SGVRYSQQGNNEITSSSTISHHGNSAMVT
 SQSVLQQVSPASLDPGHNLSPDGKMI SVSGGLPPVSTLTNIHSL SHHNPQQSQNLIMTPLSGVMAIAQ
 SLNLSQAQSVPVINSVAGSLAALQPVQFSQQLHSPHQPLMQQSPGSHMAQQPFMAAVTQLQNSHMYAHK
 QEPPQYSHTSRFPSAMVVTDTSSISTLTNMSSSKQCPLQAW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001165923

ORF Size:	1593 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_001165923.1</u>
RefSeq ORF:	1596 bp
Locus ID:	6928
UniProt ID:	<u>P35680</u>
Cytogenetics:	17q12
MW:	58.2 kDa