

Product datasheet for **RC204453A1V**

Human HNF1 beta (HNF1B) (NM_000458) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HNF1 beta (HNF1B) (NM_000458) 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:

>RC204453 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGTGTCCAAGCTCACGTGCTCCAGCAAGAAGCTCTGAGCGCCCTGCTGAGCTCCGGGGTACCAAGG
 AGGTGCTGGTTTCAGGCCTTGGAGGAGTTGCTGCCATCCCCGAAGTTTCGGGGTGAAGCTGGAGACGCTGCC
 CCTGTCCCTTGGCAGCGGGGCCGAGCCGACACCAAGCCGGTCTTCCATACTCTACCAACGGCCACGCC
 AAGGGCCGCTTGTCCGGCAGCAGGGGCTCCGAGGACGGCAGCAGCTATGACACACCTCCCATCTCAAGG
 AGCTGCAGGCGCTCAACACCGAGGAGGCGGGAGCAGCGGGCGAGGTGGACCGGATGCTCAGTGAGGA
 CCCTTGGAGGGTCTGCTAAATGATCAAGGGTTACATGCAGCAACACAACATCCCCAGAGGGAGGTGGTC
 GATGTACCGGCTGAACAGTCGCACCTCTCCAGCATCTCAACAAGGGCACCCCTATGAAGACCCAGA
 AGCGTGCCGCTCTGTACACCTGGTACGTCAGAAAGCAACGAGAGATCTCCGACAATTCAACCAGACAGT
 CCAGAGTTCTGGAATATGACAGACAAAAGCAGTCAGGATCAGCTGCTGTTTCTTTCCAGAGTTCACT
 CAACAGAGCCATGGGCTGGGCGAGTCCGATGATGCCTGCTCTGAGCCACCAACAAGAAGATGCGCCGCA
 ACCGGTCAAAATGGGGGCCCGCTCCAGCAAATCTTGTACCAGGCCTACGATCGGCAAAAGAACCCAG
 CAAGGAAGAGAGAGAGGCCTTAGTGAGGAATGCAACAGGGCAGAATGTTTGCAGCGAGGGGTGTCCCC
 TCCAAAGCCACGGCTGGGCTCCAACCTGGTCACTGAGGTCCGTGTCTACAACCTGGTTTGCAAACCGCA
 GGAAGGAGGAGGATTCGGGCAAAAGCTGGCCATGGACGCCTATAGCTCCAACAGACTCACAGCCTGAA
 CCCTCTGCTCTCCACGGCTCCCCCACCAGCCAGCTCCTCTCTCCAAACAAGCTGTCAGGAGTG
 CGCTACAGCCAGCAGGAAACAATGAGATCACTTCTCTCAACAATCAGTCACCATGGCAACAGCGCCA
 TGGTGACCAGCCAGTCGGTTTTACAGCAAGTCTCCCGAGCCAGCTGGACCCAGGCCACAATCTCTCTC
 ACCTGATGGTAAATGATCTCAGTCTCAGGAGGAGGTTTGCCTCCAGTCAGCACCTTGACGAATATCCAC
 AGCCTCTCCACCATATCCCGAGCAATCTCAAAACCTCATCATGACACCCCTCTCTGGAGTCATGGCAA
 TTGCACAAAGCCTCAACACCTCCCAAGCAGAGTGTCCCTGTCAACAGTGTGGCCGGCAGCCTGGC
 AGCCCTGCAGCCCGTCCAGTTCTCCAGCAGCTGCACAGCCCTCACCAGCAGCCCTCATGCAGCAGAGC
 CCAGGCAGCCACATGGCCAGCAGCCCTTCATGGCAGCTGTGACTCAGCTGCAGAACTCACACATGTACG
 CACACAAGCAGGAACCCCCCAGTATCCACACCTCCCGTTTCCATCTGCAATGGTGGTCACAGATAC
 CAGCAGCATCAGTACACTACCAACATGTCTTCAAGTAAACAGTGTCTCTACAAGCCTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204453 protein sequence
 Red=Cloning site Green=Tags(s)

MVSKLTSLQQELL SALLSSGVTKVELVQALEELLSPNFGVKLETLPSPGSGAEPDTPKPVFHTLTNGHA
 KGRLSGDEGSEDGDDYDTPPIKELQALNTEAAEQRAEVDRLSEDPWRAAKMIKGYMQQHNIPQREV
 DVTGLNQSHLSQHLNKGTPMKTQKRAALYTWYVRKQREILRQFNQTVQSSGNMTDKSSQDQLFLFPEFS
 QQSHGPGQSDDACSEPTNKKMRRNRFKWGPASQQILYQAYDRQKNPSKEEREALVEECNRAECLQGVSP
 SKAHGLGSLNLTVEVRVYNWFANRRKEEAFRQKLAMDAYSNNQTHSLNPLL SHGSPHHQPSPPNKL SGV
 RYSQQGNNEITSSSTISHHGNSAMVTSQSVLQQVSPASLDPGHNLLSPDGKMISVSGGLPPVSTLTNIH
 SLSHHNQQSQNLIMTPLSGVMAIAQSLNLSQAQSVPVINSVAGSLAALQPVQFSQQLHSPHQPLMQQS
 PGSHMAQQPFMAAVTQLQNSHMYAHKQEPQYSHTSRFP SAMVVTDTSSISTLTNMSSSKQCPLQAW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000458

ORF Size:	1671 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_000458.1</u>
RefSeq Size:	2842 bp
RefSeq ORF:	1674 bp
Locus ID:	6928
UniProt ID:	<u>P35680</u>
Cytogenetics:	17q12
MW:	61.3 kDa