

Product datasheet for **RC211201A1V**

Human HNF1 alpha (HNF1A) (NM_000545) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HNF1 alpha (HNF1A) (NM_000545) AAV Particle
Tag:	Myc-DDK
Symbol:	HNF1A
Synonyms:	HNF-1A; HNF1; HNF1alpha; HNF4A; IDDM20; LFB1; MODY3; TCF-1; TCF1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC211201 representing NM_000545
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGTTTCTAACTGAGCCAGCTGCAGACGGAGCTCCTGGCGGCCCTGCTGGAGTCAGGGCTGAGCAAAG
 AGGCACTGCTCCAGGCACTGGGTGAGCCGGGGCCCTACCTCCTGGCTGGAGAAGGCCCTGGACAAGGG
 GGAGTCTGCGCGCGGTGAGGGGAGCTGGCTGAGCTGCCAATGGGCTGGGGGAGACTCGGGGCTCC
 GAGGACGAGACGGACGACGATGGGGAAGACTTCACGCCACCCATCCTCAAAGAGCTGGAGAACCTCAGCC
 CTGAGGAGGGCGCCACCAGAAAGCCGTGGTGGAGACCCTTCTGCAGGAGGACCCGTGGCGTGTGGCGAA
 GATGGTCAAGTCTACCTGCAGCAGCACAACATCCACAGCGGGAGGTGGTCGATACCACTGGCCTCAAC
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 CCTGGTACGTCCGAAGCAGCGAGAGGTGGCGCAGCAGTTACCCATGCAGGGCAGGGAGGGCTGATTGA
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 CAGCAGATCCTGTTCCAGGCCTATGAGAGGCAGAAGAACCCTAGCAAGGAGGAGCGAGAGACGCTAGTGG
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 CCTCGTCACGGAGGTGCGTGTCTACAACTGGTTTGCCAAACCGCGCAAAGAAGAAGCCTTCCGGCACAAG
 CTGGCCATGGACACGTACAGCGGCCCCCCCAGGGCCAGGCCGGGACCTGCGCTGCCCGCTCAGAGCT
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 GTGTCCCCACGGGCTGGAGCCAGCCACAGCCTGCTGAGTACAGAAGCCAAGCTGGTCTCAGCAGCTG
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 CCAGCAGCCCCAGAACCCTCATCATGGCCTCACTTCCTGGGGTTCATGACCATCGGGCCTGGTGAGCCTGCC
 TCCCTGGGTCTACGTTACCAACACAGGTGCCTCCACCTGGTTCATCGGCCTGGCCTCCACGCAGGCAC
 AGAGTGTGCCGTTCATCAACAGCATGGGCAGCAGCCTGACCACCTGCAGCCCGTCCAGTTCTCCAGCC
 GCTGCACCCCTCCTACCAGCAGCCGCTCATGCCACCTGTGCAGAGCCATGTGACCCAGAGCCCTTCATG
 GCCACCATGGCTCAGCTGCAGAGCCCCACGCCCTCTACAGCCACAAGCCCGAGGTGGCCAGTACACCC
 ACACAGGCCTGCTCCCGCAGACTATGCTCATCACCGACACCACCAACCTGAGCGCCCTGGCCAGCCTCAC
 GCCACCAAGCAGGTCTTCACCTCAGACACTGAGGCCTCCAGTGAGTCCGGGCTTCACACGCCGGCATCT
 CAGGCCACCACCTCCACGTCCCAGCCAGGACCTGCCGGCATCCAGCACCTGCAGCCGGCCACCAGGC
 TCAGCGCCAGCCCACAGTGTCTCCAGCAGCCTGGTGTGTACCAAGAGCTCAGACTCCAGCAATGGCCA
 GAGCCACCTGCTGCCATCCAACCACAGCGTCATCGAGACCTTCATCTCCACCCAGATGGCCTCTTCTCC
 CAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC211201 representing NM_000545 Red=Cloning site Green=Tags(s) MYSKLSQLQTELLAALLSGLSKEALLQALGEPGPYLLAGEGPLDKGESCGGGRGELAELPNGLGETRGS EDETDDGDGDFTPPILKELENLSPEEAAHQKAVVETLLQEDPWRVAKMVKSYLQQHNIPQREVVDTTGLN QSHLSQHLNKGTPMKTKRAALYTWYVRKQREVAQQFTHAGQGGLIEPTGDELPTKKGRRNRFKWGPAS QQILFQAYERQKNPSKEERETLVEECNRAECIQRGVSPSQAQGLGSLNLTVEVRVYNWFANRRKEEAFRHK LAMDTYSGPPPGPGPALPAHSSPGLPPPALSPSKVHGVRYGQPATSETAEVPSSSGGPLVTVSTPLHQ VSPTGLEPSHLLSTEAKLVSAAGGPLPPVSTLTALHSLEQTSPLNQQPQNLMASLPVMTIGPGEP SLGPTFTNTGASTLVIGLASTQAQSVPVINSMGSSLTTLQPVQFSQPLHPSYQQPLMPPVQSHVTQSPFM ATMAQLQSPHALYSHKPEVAQYTHGLLPQTMITDITNLALASLTPTKQVFTSDTEASSEGLHTPAS QATTLHVPSQDPAGIQHLQPAHRLSASPTVSSSSLVLYQSSDSSNGQSHLLPSNHSVIETFIISTQMASS Q TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000545
ORF Size:	1893 bp
Buffer:	PBS with 0.001% Pluronic F6683
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_000545.3
RefSeq Size:	3249 bp
RefSeq ORF:	1896 bp
Locus ID:	6927
UniProt ID:	P20823
Cytogenetics:	12q24.31
MW:	67.2 kDa