

Product datasheet for **SC216184**

HNF 4 alpha (HNF4A) (NM_000457) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HNF 4 alpha (HNF4A) (NM_000457) Human 3' UTR Clone
Symbol:	HNF 4 alpha
Synonyms:	FRTS4; HNF4; HNF4a7; HNF4a8; HNF4a9; HNF4alpha; MODY; MODY1; NR2A1; NR2A21; TCF; TCF-14; TCF14
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000457
Insert Size:	2000 bp



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Insert Sequence: >SC216184 3'UTR clone of NM_000457
 The sequence shown below is from the reference sequence of NM_000457. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCGACCATCACCAAGCAGGAAGTTATCAGCAAGCCGCTGGGGCTTGGGGCTCCACTGGCTCCCCCA
GCCCCCTAAGAGAGCACCTGGTGATCACGTGGTCACGGCAAAGGAAGACGTGATGCCAGGACCAGTCCC
AGAGCAGGAATGGGAAGGATGAAGGGCCGAGAACATGGCCTAAGGGCCACATCCCACTGCCACCCTTG
ACGCCCTGCTCTGGATAACAAGACTTTGACTTGGGGAGACCTCTACTGCCTTGGACAACCTTTCTCATG
TTGAAGCCACTGCCTTACCTTACCTTATCCATGTCCAACCCCGACTTATCCCAAAGGACAGCCG
CCTGGAGATGACTTGAGGCCTTACTTAAACCCAGCTCCCTTCTCCCTAGCCTGGTGCTTCTCTCTCC
TAGCCCTGTGATGGTGTCCAGACAGAGCCCTGTGAGGCTGGGTCCAATTGTGGCACTTGGGGCACCTT
GCTCCTCCTTCTGCTGCTGCCCCACCTCTGCTGCCTCCCTCTGCTGTCACCTTGTCTCAGCCATCCCGT
CTTCTCCAACACCACCTCTCCAGAGGCCAAGGAGGCCTTGGAAACGATTCCCCAGCTCATTCTGGGAAC
ATGTTGTAAGCACTGACTGGGACCAGGCCAGGCAGGGTCTAGAAGGCTGTGGTGAGGGAAGACGCCT
TTCTCCTCCAACCCAACCTCATCCTCCTTCTTACGGGACTTGGGTGGGTACTTGGGTGAGGATCCCTGA
AGGCCTTCAACCCGAGAAAAACAACCCAGGTTGGCGACTGCAACAGGAACCTTGGAGTGGAGAGGAAAAG
CATCAGAAAGAGGCAGACCATCCACCAGGCCTTGGAGAAAGGTAAGAATTCTGGCTGGTAGAGCAGGTG
AGATGGGACATTCAAAGAACAGCCTGAGCCAAGGCCTAGTGGTAGTAAGAATCTAGCAAGAATTGAGG
AAGAATGGTGTGGGAGAGGGATGATGAAGAGAGAGAGGGCCTGCTGGAGAGCATAGGGCTGGAACACC
AGGCTGAGGTCTGATCAGCTTCAAGGAGTATGCAGGGAGCTGGGCTTCCAGAAAATGAACACAGCAGT
TCTGCAGAGGACGGGAGGCTGGAAGCTGGGAGGTCAGGTGGGGTGGATGATATAATGCGGGTGAGAGTA
ATGAGGCTTGGGGCTGGAGAGGACAAGATGGGTAAACCTCACATCAGAGTGACATCCAGGAGGAATAA
GCTCCCAGGGCCTGTCTCAAGCTTCTCCTTACTCCCAGGCACTGTCTTAAAGCATCTGACATGCATCAT
CTCATTTAATCCTCCCTTCTCCTATTAACCTAGAGATTGTTTTGTTTTTTTATTCTCCTCCTCCCTC
CCCGCCCTCACCCGCCCACTCCCTCCTAACCTAGAGATTGTTACAGAAGCTGAAATTGCGTTCTAAGA
GGTGAAGTGATTTTTTTCTGAAACTCACACAAGTGAAGTGGCTGAGTCAAGACTTGAACCCAGGTC
TCCCTGGATCAGAACAGGAGCTTAACTACAGTGGCTGAATAGCTTCTCAAAGGCTCCCTGTGTCT
CACCGTATCAAGTTGAGGGCTTCCGGCTCCCTTCTACAGCCTCAGAAACCAGACTCGTCTTCTGGG
AACCTGCCCACTCCAGGACCAAGATTGGCCTGAGGCTGCACTAAAATCACTTAGGGTCGAGCATCC
TGTTTGCTGATAAATATTAAGGAGAATTCATGACTCTTGACAGCTTTTCTCTTCACTCCCAAGTCA
AGGGGAGGGGTGGCAGGGGTCTGTTTCTGGAAGTCAGGCTCATCTGGCCTGTTGGCATGGGGGTGGGA
CAGTGTGCACAGTGTGGGGCAGGGGAGGGCTAAGCAGGCTGGGTTTGGGGCTGCTCCGGAGACCGT
CACTCCAGGTGCATTCTGGAAGCATTAGACCCAGGATGGAGCGACCAGCATGTCATCCATGTGGAAT
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_000457.6](#)

Summary:

The protein encoded by this gene is a nuclear transcription factor which binds DNA as a homodimer. The encoded protein controls the expression of several genes, including hepatocyte nuclear factor 1 alpha, a transcription factor which regulates the expression of several hepatic genes. This gene may play a role in development of the liver, kidney, and intestines. Mutations in this gene have been associated with monogenic autosomal dominant non-insulin-dependent diabetes mellitus type I. Alternative splicing of this gene results in multiple transcript variants encoding several different isoforms. [provided by RefSeq, Apr 2012]

Locus ID:

3172

MW:

73.1