

## Product datasheet for **SC216183**

### HNF 4 alpha (HNF4A) (NM\_178849) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	HNF 4 alpha (HNF4A) (NM_178849) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HNF4A
Synonyms:	FRTS4; HNF4; HNF4a7; HNF4a8; HNF4a9; HNF4alpha; MODY; MODY1; NR2A1; NR2A21; TCF; TCF-14; TCF14
ACCN:	NM_178849
Insert Size:	2000 bp



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**Insert Sequence:** >SC216183 3'UTR clone of NM\_178849  
 The sequence shown below is from the reference sequence of NM\_178849. 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
CCGACCATCACCAAGCAGGAAGTTATCTAGCAAGCCGCTGGGGCTTGGGGCTCCACTGGCTCCCCCA
GCCCCCTAAGAGAGCACCTGGTGTACAGTGGTACGGCAAAGGAAGACGTGATGCCAGGACCAGTCCC
AGAGCAGGAATGGGAAGGATGAAGGGCCGAGAACATGGCCTAAGGGCCACATCCCACTGCCACCCTTG
ACGCCCTGCTCTGGATAACAAGACTTTGACTTGGGGAGACCTCTACTGCCTTGGACAACCTTTTCTCATG
TTGAAGCCACTGCCTTACCTTACCTTATCCATGTCCAACCCCGACTTATCCCAAAGGACAGCCG
CCTGGAGATGACTTGAGGCCTTACTTAAACCCAGCTCCCTTCTCCCTAGCCTGGTGCTTCTCTCTCC
TAGCCCTGTCTGGTGTCCAGACAGAGCCCTGTGAGGCTGGGTCCAATTGTGGCACTTGGGGCACCTT
GCTCCTCCTTCTGCTGCTGCCCCACCTCTGCTGCCTCCCTCTGCTGTCCACTTGTCTCAGCCATCCCGT
CTTCTCCAACACCACCTCTCCAGAGGCCAAGGAGGCCTTGGAAACGATTCCCCCAGTCATTCTGGGAAC
ATGTTGTAAGCACTGACTGGGACCAGGCCAGGCAGGGTCTAGAAGGCTGTGGTGGAGGGAAGACGCCCT
TTCTCCTCCAACCCAACCTCATCCTCCTTCTTCAAGGACTTGGGTGGGTACTTGGGTGAGGATCCCTGA
AGGCCTTCAACCCGAGAAAAACAAACCCAGGTTGGCGACTGCAACAGGAACCTTGGAGTGGAGAGGAAAAG
CATCAGAAAGAGGCAGACCATCCACCAGGCCTTGGAGAAAGGTAAGAATTCTGGCTGGTGGAGCAGGTG
AGATGGGACATTCAAAGAACAGCCTGAGCCAAGGCCTAGTGGTAGTAAGAATCTAGCAAGAATTGAGG
AAGAATGGTGTGGGAGAGGGATGATGAAGAGAGAGAGGGCCTGCTGGAGAGCATAGGGTCTGGAACACC
AGGCTGAGGTCTGATCAGCTTCAAGGAGTATGCAGGGAGCTGGGCTTCCAGAAAAATGAACACAGCAGT
TCTGCAGAGGACGGGAGGCTGGAAGCTGGGAGGTGAGGTGGGGTGGATGATATAATGCGGGTGAGAGTA
ATGAGGCTTGGGGCTGGAGAGGACAAGATGGGTAAACCCCTCACATCAGAGTGACATCCAGGAGGAATAA
GCTCCCAGGGCCTGTCTCAAGCTTCTCCTTACTCCCAGGCACTGTCTTAAGGCATCTGACATGCATCAT
CTCATTTAATCCTCCCTTCTCCTATTAACCTAGAGATTGTTTTGTTTTTTTATTCTCCTCCTCCCTC
CCCGCCCTCACCCGCCCACTCCCTCCTAACCTAGAGATTGTTACAGAAGCTGAAATTGCGTTCTAAGA
GGTGAAGTGATTTTTTTCTGAAACTCACACAAGTGAAGTGGCTGAGTCAAGGACTTGAACCCAGGTC
TCCCTGGATCAGAACAGGAGCTTAACTACAGTGGCTGAATAGCTTCTCAAAGGCTCCCTGTGTCT
CACCGTATCAAGTTGAGGGCTTCCGGCTCCCTTCTACAGCCTCAGAAACCAGACTCGTCTTCTGGG
AACCTGCCCCTCCAGGACCAAGATTGGCCTGAGGCTGCACTAAAATTCATTAAGGTCGAGCATCC
TGTTTGCTGATAAATATTAAGGAGAATTCATGACTCTTGACAGCTTTTCTCTTCACTCCCAAGTCA
AGGGGAGGGGTGGCAGGGGTCTGTTTCTGGAAGTCAAGGCTCATCTGGCCTGTTGGCATGGGGGTGGGA
CAGTGTGCACAGTGTGGGGCAGGGGAGGGCTAAGCAGGCTGGGTTTGGGGTCTCCGGAGACCGT
CACTCCAGGTGCATTCTGGAAGCATTAGACCCAGGATGGAGCGACCAGCATGTCATCCATGTGGAAT
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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\\_178849.3](#)

**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