

Product datasheet for **RN206976**

Hnf4a (NM_022180) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnf4a (NM_022180) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hnf4a
Synonyms:	Hnf4; Hnf4alpha
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206976 representing NM_022180
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGACTCTCTAAAACCCTCGCCGACATGGACATGGCTGACTACAGTGTGCCTTGGACCCAGCCTACA
 CCACCCTGGAGTTTGAAAATGTGCAGGTGTTGACCATGGGCAATGACACATCCCCATCTGAAGGTGCCAA
 CCTCAACTCATCCAACAGCCTGGGTGTCAAGTGCCTGTGTGCCATCTGTGGCGATCGGGCCACTGGCAAA
 CACTACGGAGCCTCAAGCTGTGACGGCTGCAAGGGATTCTCAGGAGGAGCGTGAGGAAGAACCACATGT
 ACTCCTGCAGGTTTAGCAGGCAGTGCCTGGTAGACAAAGATAAGAGGAACCAGTGTCTTACTGCAGGCT
 CAAGAAGTGCTTCCGGGCTGGCATGAAGAAAGAAGCCGTCAAAAATGAGCGGGATCGGATCAGCAGCGG
 AGGTCAAGCTACGAGGACAGCAGCCTACCCTCCATTAATGCGCTCCTGCAGGCAGAGTCTGTCTCAGC
 AGATCACCTCCCCATCTCTGGGATCAATGGCGACATTCGGGCCAAGAGGATTGCCAACATCACGGATGT
 GTGTGAGTCTATGAAGGAGCAGCTGCTGGTTCTGGTGAATGGGCCAAGTACATCCCGGCCTTCTGTGAA
 CTCTTCTGGATGACCAGGTGGCGCTGCTCAGAGCCACGCTGGTGAACCTGCTGCTTGGAGCCACCA
 AGAGGTCCATGGTGTCAAGGATGTGCTGCTCCTAGGCAATGACTACATCGTCCCTCGGCACTGTCCAGA
 GCTAGCAGAGATGAGCCGTGTGCCATTGCGATCCTCGATGAGCTGGTCTTGCCCTTCCAAGAGCTGCAG
 ATCGATGATAATGAATACGCCTGCCTCAAAGCCATCATCTTCTTGACCCAGATGCCAAGGGGCTGAGTG
 ACCCAGGCAAGATCAAGCGGCTGCGGTACAGGTGCAGGTGAGCCTGGAGGATTACATCAACGACCGGCA
 GTATGACTCTCGGGTCGTTTTGGAGAGCTGCTGCTGCTCCTGCCACTTGCAGAGCATTACCTGGCAG
 ATGATCGAGCAGATCCAGTTCATCAAGCTCTTTGGCATGGCCAAGATTGACAACCTGTGCAGGAGATGC
 TGCTTGGAGGGTCTGCCAGTGACGCGCCACGCCACCACCCCTGCACCCTCACCTGATGCAAGAACA
 CATGGGCACCAATGTCATAGTTGCCAACACGATGCCCTCTCACCTCAGCAATGGACAGATGTGTGAGTGG
 CCCCAGGCCAGGGGCGAGCAGCCACCCCTGAGACTCCACAGCCATCACCACCAAGTGGCTCTGGATCTG
 AATCCTACAAGCTCCTGCCAGGAGCCATCACCACCATCGTCAAGCCTCCCTCTGCCATCCCCAGCCAAC
 GATCACCAAGCAGGAAGCCAT**TAG**

ACCGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_022180

Insert Size: 1425 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_022180.2](#), [NP_071516.2](#)

RefSeq Size: 4416 bp

RefSeq ORF: 1425 bp

Locus ID: 25735

UniProt ID: [P22449](#)

Cytogenetics: 3q42

Gene Summary: steroid hormone receptor; involved in promoting transcription [RGD, Feb 2006]
Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.