

## Product datasheet for **RN215560**

### **Hnf1a (NM\_012669) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Hnf1a (NM_012669) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hnf1a
Synonyms:	HNF1; LF-B1; Lfb1; Tcf1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN215560 representing NM\_012669  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTTCTAAGTTGAGCCAGCTGCAGACGGAGCTCCTGGCTGCTCTGCTCGAGTCGGGCTGAGCAAAG  
 AGGCTCTGATCCAGGCTCTGGGGAGCCCGGGCCCTACCTGATGGTTGGAGATGGTCCCTGGACAAGGG  
 GGAGTCTGCGGTGGGACTCGAGGGGACCTGACCGAGCTGCCAATGGCCTGGGGAGACGCGTGGCTCG  
 GAAGATGACACGGATGACGATGGGGAAGACTTCGCGCCACCCATTCTGAAAGAGCTGGAGAACCTCAGCC  
 CAGAGGAGGCAGCCACCAGAAAAGCCGTGGTGGAGTCACTTCTCAGGAGGACCCATGGCGCTGGCAA  
 GATGGTCAAGTCGTACCTGCAGCAACACAACATCCCCAGCGGGAGGTGGTGGACTACGGGTCTCAAC  
 CAGTCCACCTGTCCAGCACCTCAACAAGGGCACCCCATGAAGACGCAGAAGCGGGCCGCGTGTACA  
 CCTGGTACGTCCGAAGCAGCGAGAGGTGGCTCAGCAATTCACCCACGCGGGCAGGGCGGACTGATTGA  
 AGAGCCCACAGGTGATGAGCTGCCAACAAAAGGGGGGAGGAAACCGTTCAAGTGGGGCCCCGCATCC  
 CAGCAGATCCTGTTCCAGGCTTACGAGAGGCAGAGAACCCAGCAAGGAAGAGCGAGAGACCTTGGTGG  
 AGGAGTGCAATAGGGCGGAGTGCATCCAGAGAGGGGTGCACCATCGCAGGCCAGGGGCTAGGCTCCAA  
 CCTTGTACCCGAGGTGCGTGTCTACAACCTGGTTTGCCAAACCGCGCAAGGAAGAAGCCTTTCGGCATAAG  
 CTGGCCATGGACACGTATAACGGGCCTCCACCCGGGCCAGGCCCGGCCCTGCGTACCTGCCACAGTT  
 CCCCAGGCTGCCACAACCACCTCTCTCCAGTAAGGTCCACGGTGTGCGGTATGGACAGTCTGCAAC  
 CAGCGAGGCAGCTGAGGTGCCCTCCAGCAGCGGAGTCCCTTAGTCACAGTGTCTGCGGCCTTACACCAA  
 GTGTCCCCACAGGCTTGAGCCAGCAGCTGCTGAGCAGGAGGCAAGCTGGTCTCAGCCACGGGGG  
 GTCCTCCCTCCGTCAGCACCTGACAGCACTGCACAGCTTGGAGCAGAGTCTCCAGTCTCAACCA  
 GCAGCCGAGAAACCTTATCATGGCCTCGCTGCCTGGGGTTCATGACCATCGGCCAGGGGAGCCCGCTCC  
 CTGGGTCCACGTTCACTAACACGGGTGCCTCTACCCTGGTATTGGTCTGGCCTCCACACAGGCACAGA  
 GCGTGCCAGTCATCAACAGCATGGGGAGCAGCCTGACCACCCTGCAGCCGGTCCAGTTTTCCAGCCACT  
 GCACCCTTCTATCAGCAGCCTCTATGCCCTGTACAGAGCCAGTGGCCAGAGTCCCTTATGGCA  
 ACCATGGCCAGCTGCAGAGCCCCACGCCCTGTACAGCCACAAGCCTGAGGTGGCCAGTACACGCATA  
 CAAGCCTGCTTCCGAGACCATGCTGATCACAGACCAACCTCAGCACCTTGCAGCCTCACGCCAC  
 CAAGCAGGTCTCACCTCAGACACAGAGCCTCCAGTGAAGCCTGGGCTTTCATGAGCCGTCGTCTCCAGCC  
 ACAACCATTACATCCCAGCCAGGACCCGTCAAACATCCAGCACCTGCAGCCTGCTCACCGGCTCAGCA  
 CCAGTCCACAGTGTCTCCAGCAGCCTGGTGTGTACAGAGTTCTGACTCAAACGGGCACAGCCACCT  
 GCTGCCATCAACCACGGTGTATCGAGACTTTTATCTCCACCCAGATGGCCTCCTCCTCCAGTAA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM\_012669
- Insert Size:** 1887 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\\_012669.1](#), [NP\\_036801.1](#)

**RefSeq Size:** 3538 bp

**RefSeq ORF:** 1887 bp

**Locus ID:** 24817

**UniProt ID:** [P15257](#)

**Cytogenetics:** 12q16

**Gene Summary:** acts as a transcriptional activator; plays a role in the regulation of liver-specific genes [RGD, Feb 2006]