

## Product datasheet for **MC227685**

### Hnf1b (NM\_001291269) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hnf1b (NM_001291269) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hnf1b
Synonyms:	HNF-1-beta; HNF-1B; HNF-1Beta; Hnf1beta; LFB3; Tcf-2; Tcf2; vHNF1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC227685 representing NM_001291269 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGATCAAGGGATACATGCAACAGCACAATATCCCCAGAGGGAGGTGGTCGATGTCACAGGCCTGAACC  
AATCCCACCTCTCTCAACACCTCAACAAGGGCACCCCCATGAAGACCCAGAAGAGAGCTGCCCTGTACAC  
TTGGTACGTCAGAAAGCAACGGGAGATCCTCCGACAGTTCAACCAGACAGTCCAGAGCTCTGGAAACATG  
ACAGACAAAAGCAGTCAGGATCAGCTGCTGTTTCTTTCCAGAGTTCAGTCAACAGAACCAGGGGCCTG  
GGCAGTCGGAGGACACCTGCTCCGAGCCACCAACAAGAAGATGCGCCGCAACCGGTTTAAATGGGGCC  
CGCATCCCAGCAAATTTGTACCAGGCCTACGACCCGCAAAAAGAAATCCCAGCAAGGAAGAGAGGGAGGCC  
TTAGTGGAGGAGTGTAACAGGGCAGAATGTTTGAACGAGGGGTCTCCCCTTCAAAGCCCACGGCCTAG  
GCTCCAATTGGTCACGGAGGTCCGTGTCTACAACCTGGTTCGAAACCCGCGGAAGGAAGAGGGCCTCAG  
GCAGAAGCTGGCCATGGATGCCTATAGCTCCAACCAGACGCACAACCTGAACCCCTGCTCACCCATGGC  
TCCCCTCACCATCAGCCAAGCTCCTCTCCACCCAACAAGATGTCAGGAGTGGCTACAACCAGCCGGGAA  
ACAATGAGGTCACTTCTCTTCGACAATCAGTCACCATGGTAACAGTGCCATGGTGACCAGCCAGTCGGT  
TTTACAGCAAGTCTCCCCAGCCAGCCTGGACCCAGGCCACAGTCTCCTCTCACCTGACAGTAAAATGCAG  
ATCACAGTGTCCGGAGGAGGACTGCCTCCCGTCAGCACCTTGACGAATATCCACAGCCTCTCCACCACA  
ATCCCCAGCAATCTCAGAACCTCATCATGACCCCTGTCTGGAGTCATGGCCATTGCACAGAGCCTCAA  
CACCTCCAAGCCAGGGTGTCCCGTCATTAACAGTGTGGCTAGCAGCCTGGCAGCCCTACAGCCCGTC  
CAGTTCTCTCAACAGCTGCACAGCCCTACCAGCAGCCCTCATGCAGCAGAGCCAGGCAGTCACATGG  
CCCAGCAGCCCTCATGGCCGGTGACTCAGCTACAGAATCCCACATGTATGCACATAAGCAGGAACC  
CCCCAGTATCCACACCTCCCGTTCATCTGCAATGGTGGTCACAGATACCAGTAGCATCAACACT  
CTCACCAGCATGTCTCCAGTAAACAGTGTCCACTGCAAGCCTGG**TGA**

**ACGGT**ACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001291269
<b>Insert Size:</b>	1308 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001291269.1</a></u> , <u><a href="#">NP_001278198.1</a></u>
<b>RefSeq Size:</b>	2474 bp
<b>RefSeq ORF:</b>	1308 bp
<b>Locus ID:</b>	21410
<b>UniProt ID:</b>	<u><a href="#">P27889</a></u>
<b>Cytogenetics:</b>	11 51.23 cM
<b>Gene Summary:</b>	<p>Transcription factor, probably binds to the inverted palindrome 5'-GTTAATNATTAAC-3'. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) contains an alternate 5'-terminal exon, lacks part of the 5' coding region, and uses a downstream start codon, compared to variant 1. The encoded isoform (3) has a shorter N-terminus, compared to 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.</p>