

Product datasheet for **MC218963**

Hnf1b (NM_009330) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnf1b (NM_009330) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hnf1b
Synonyms:	HNF-1-beta; HNF-1B; HNF-1Beta; Hnf1beta; LFB3; Tcf-2; Tcf2; vHNF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC218963 representing NM_009330
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGTCCAAGCTCACGTCGCTCCAGCAAGAAGCTCCTGAGTGCCTGCTGAGCTCCGGAGTACCAAGG
 AAGTGCTGATCCAGGCCTTGGAGGAGTTACTGCCGTCCCGAATTCGGGGTGAAGCTGGAGACTGCC
 CCTGTCCCCGGGAGCGGGCGGATCTCGACACCAAGCCGGTTTTCCATACTCTACCAATGGCCACGCC
 AAGGGCCGCTTGTCTGGGACGAGGGCTCAGAGGACGGCGACTATGACACTCCTCCATCCTCAAAG
 AGCTCCAGGCGCTCAACACCGAGGAGGCCGCGGAGCAGCGGGCCGAGGTGGACCGGATGCTCAGCGAGGA
 CCCGTGGAGGGCTGCCAAAATGATCAAGGGATACATGCAACAGCACAATATCCCCAGAGGGAGGTGGTC
 GATGTCACAGGCCTGAACCAATCCACCTCTCTCAACACCTCAACAAGGGCACCCCATGAAGACCCAGA
 AGAGAGCTGCCCTGTACACTTGGTACGTCAGAAAGCAACGGGAGATCCTCCGACAGTTCAACCAGACAGT
 CCAGAGCTCTGGAACATGACAGACAAAAGCAGTCAGGATCAGCTGCTGTTTCTTTCCAGAGTTCAGT
 CAACAGAACCCAGGGCCCTGGGCAGTCGGAGGACACCTGCTCCGAGCCACCAACAAGAAGATGCGCCGCA
 ACCGGTTTAAATGGGGGCCCGCATCCCAGCAAATTTTGTACCAGGCCTACGACCGCAAAAAGAATCCAG
 CAAGGAAGAGAGGGAGGCCTTAGTGGAGGAGTGTAAACAGGGCAGAATGTTTGAACGAGGGGTCTCCCT
 TCCAAAGCCCACGGCCTAGGCTCCAACCTGGTACGGAGGTCCGTGCTACAACCTGGTTCGCAAACCGCC
 GGAAGGAAGAGGGCGTTACAGCAGAAGCTGGCCATGGATGCCTATAGTCCAACAGACGCACAACCTGAA
 CCCCTGCTCACCATGGCTCCCTCACCATCAGCCAAGTCTCTCCACCCAACAAGATGTCAGGAGTG
 CGCTACAACCAGCCGGGAAACAATGAGGTCACTTCCTCTTCGACAATCAGTCACCATGGTAACAGTGCCA
 TGGTGACCAGCCAGTCGGTTTTACAGCAAGTCTCCCCAGCCAGCCTGGACCCAGGCCACAGTCTCCTCTC
 ACCTGACAGTAAAATGCAGATCACAGTGTGGGAGGAGGACTGCCTCCCGTCAGCACCTTGACGAATATC
 CACAGCCTCTCCACCAACAATCCCAGCAATCTCAGAACCTCATCATGACCCCTGTCTGGAGTATGG
 CCATTGCACAGAGCCTCAACACCTCCAAAGCCAGGGTGTCCCGGTCATTAACAGTGTGGCTAGCAGCCT
 GGCAGCCCTACAGCCCGTCCAGTCTCTCAACAGCTGCACAGCCCTCACCAGCAGCCCTCATGCAGCAG
 AGCCCAGGCAGTCACATGGCCCAGCAGCCCTCATGGCCGCGGTGACTCAGCTACAGAATCCCACATGT
 ATGCACATAAGCAGGAACCCCCCAGTATCCACACCTCCCGGTTCCCATCTGCAATGGTGGTCACAGA
 TACCAGTAGCATCAACTCTCACCAGCATGTCTCCAGTAAACAGTGTCCACTGCAAGCCTGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3059_f02.zip

Restriction Sites: Sgfl-Mlul

ACCN: NM_009330

Insert Size: 1677 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_009330.3](#), [NP_033356.2](#)

RefSeq Size: 2843 bp

RefSeq ORF: 1677 bp

Locus ID: 21410

UniProt ID: [P27889](#)

Cytogenetics: 11 51.23 cM

Gene Summary: Transcription factor, probably binds to the inverted palindrome 5'-GTTAATNATTAAC-3'.
[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).