

Product datasheet for **RN204886**

Hbp1 (NM_013221) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hbp1 (NM_013221) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hbp1
Synonyms:	Hmgb1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204886 representing NM_013221
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGACGGTTTGTGCGGAGCACCATAATATGGTGTGGGAAGTGAAGACGAACCAGAGGCCTCATGCAG
 TACAGAGACTCCTGCTGGTGATGGACGAGAGAGCTACAGGAGTGAGTGACTCATTGGAGTTGCTGCAGTG
 TAATGAGAATGTGCCGTCTCTCCAGGATACAACCTCTGTGATGAGCACATGGAGCTTGATGACCTTCT
 GAACCTCAGGCTGTTCAAAGTGACCCTACCCAATCTGCCATATACCAGCTCAGTTCAGATGTATCTCATC
 AAGAATATCCAAGACCATCTGGAGCCAGAATACCTCAGACATACCGAAAAATACTACCGTGAAGATGA
 GGTGGACTGGCTAACAGAGTTAGCAAATATTGCCACTAGTCCACAAAGTCCACTAATGCAGTGCTCATT
 TATAACAGATCATCTCTGTACACATCATAGCTACTAGCAAAGTTTACATTCTATGCACGCCACCAC
 CAGTGTCTCTGCAAAGAGCGGACCAGCCTTCCCTCATGACCCTGGAAGGAAGAAACACAGTAAGACA
 TGAAAGGGCAAACAGTGAGTCAGAGTCAGGAATTTTCTGCATGTCTCCCTGTCAGATGATGATGATCTG
 GGCTGGTGAATTCCTGGCCATCAACCGTTTGGCATTGCTTTCTCAAAGGCACACGACTGTGCTCCATA
 AGGAAAGCAAAAAGGAGTGGCAAGATGTTGAAGACTTTGCTAGAGCCGCCAGCTGTGATGAGGAGGAGAT
 CCAAAATGGGCACTCACAAGGGCTATGGTCTGATGGTCTAAAGTTGTTATCCCATGAAGAGAGTGTGTC
 TTCGGTGAGTCTGTACTGAAGTTGACATTTGATCCTGGTACAGTAGAAGATGGCTTGCTTACTGTGGAGT
 GCAAGCTGGACCACCTTTCTATGTTAAAAATAAAGGCTGGTCATCATTTTATCCAAGCTTGACTGTGGT
 ACAGCACGGCATTCCATGCTGTGAGATTCATATTGGTGACGTATGTCTACCTCCTGGACACCCTGATGCC
 ATTAATTTTCGATGATTCAGGTGTTTTGATACATTTAAAGCTATGACTTCACACCTATGGACTCTTCCG
 CAGTCTACGTTTTGAGTAGTATGGCTCGCCAGCGCCGCGCATCTTTGTCTTGTGGAGACCTGGTACTGG
 TCAAGAGTTTGCAGGATCTGAATTCAGTAAAAGCTGTGGTTCACCAGGATCATCACAGCTCTCCTTAGT
 TCTTTATACACTAAAGCTGTCAAAGCCACAGCTCAGGGACTGTGAGTGCCACTTCTCTAATAAGTGCA
 AAAGACCAATGAATGCCTTCATGCTTTTTGCCAAAAATACAGAGTTGAATATACTCAGATGTATCCAGG
 GAAAGATAACAGAGCCATAAGTGTGATCCTTGGTGACAGGTGGAAAAAATGAAGAACGAGGAAAGGAGG
 ATGTATACATTAGAAGCAAAGGCTTTGGCTGAAGAACAAAGCGTTTAAATCCCGACTGCTGAAAAAGGA
 AAAGAACCAATTCAGGCTCTCAACAGCACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_013221
- Insert Size:** 1572 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_013221.2](#), [NP_037353.2](#)

RefSeq Size: 2671 bp

RefSeq ORF: 1572 bp

Locus ID: 27080

UniProt ID: [Q62661](#)

Cytogenetics: 6q16

Gene Summary: a transcriptional regulator that may play a central role in the stabilization and/or assembly of several multifunctional complexes through protein-protein interactions [RGD, Feb 2006]