

## Product datasheet for SC212634

### HBP1 (NM\_012257) Human 3' UTR Clone

#### Product data:

|                           |                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | 3' UTR Clones                                                                                                                                                                                                                                      |
| Product Name:             | HBP1 (NM_012257) Human 3' UTR Clone                                                                                                                                                                                                                |
| Symbol:                   | HBP1                                                                                                                                                                                                                                               |
| Mammalian Cell Selection: | Neomycin                                                                                                                                                                                                                                           |
| Vector:                   | pMirTarget (PS100062)                                                                                                                                                                                                                              |
| ACCN:                     | NM_012257                                                                                                                                                                                                                                          |
| Insert Size:              | 1121 bp                                                                                                                                                                                                                                            |
| Insert Sequence:          | <p>&gt;SC212634 3'UTR clone of NM_012257</p> <p>The sequence shown below is from the reference sequence of NM_012257. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> |

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AGAACCAATTTCAGGCTCACAACAACATTAAACCAGGATGCTTATGTTCTTAAGTCTATATTTGCATATA
CATTGACTCTTGATGGAAAGACTTAAGAAGATCAAGGTCTCACCATTGTCCTCAATTCGTGTGACCAT
AAGATACTGATAGCATTGAGTCTTGAAATGATTTAATAATATGAGTGAGGATTTGCTTTCTCCATTAGA
GCATTAAGCTAAACTATCAACATTTTAAACCAAAATGCCTTATTTTCTCCAACTTCATATATGTC
TATCAGGTAATAATAGGCTTGAAATGATATCCTGTGGTGCTAAAGTACAGTAGAAAGAGAGGAGAAG
TGTATACATGTTTTATTTTAAATTGTACGAAAGGGGAATTTAAAAAATATGTAAGTCTGTTTATACAT
TGGCTCCTTACTGCTTATTAATCTGTATTGTACACATGATGAAATGAAGCAGAAGCTGGGAGTCGGCCT
TTCCTCTAGTAACCACCACATGGCTCAGCATCTGTGCCAAACATAGGCGCTCCTAGTCTGGTCAGTGCC
AAGAGGCTACCAGAACATGGGCGAGGTGGCTGGTGTGGTGTCCAGCCTAAGAGCCACCTGCTGCAGT
TACCATGGCATGCTGAGTTGATGCACAGGTGGCAGCAGCCATCCGTTATTATTTCCAATGGAGACCTA
GCCCAGGCCAAGGTAAAGTTAGTTAATAGCATTGGGATATAGTCACTGTAATGGTGTCTTAACAAACA
GTCAACACCATTGTATTTTTTAACTTCGTGTTCTGTATCTCCTCAGCCATGTATCTTAAATATATTTTG
TCATCATAATCTTATGGTGGGGCAGACTTTGCACCTACTGCAGTGCAACACTTGCACCTTAATTTTC
CTCCAAGTGTCTAAATAGAGCAAATACATTGGCAATACAGCTGCTTTTGTCTGAGCTACAATCATG
GCTTTTCATGTTACTTACCAAGTGGTGTCTGTTAGGAATCACAGCTGTAAATTTGATTTTCAGTTCA
TCACACTTCTTCATGATGTTGCCCTAAATTTGCACACTATATCTTGTATATTATTTCAAATAAATG
GAAAAAAGTTGCTTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: SgfI-MluI



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|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OTI Disclaimer:</b> | Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).                                                                     |
| <b>Components:</b>     | The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.                                                                                                                                                                 |
| <b>Note:</b>           | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                       |
| <b>RefSeq:</b>         | <a href="#">NM_012257.4</a>                                                                                                                                                                                                                                                                                                                                    |
| <b>Summary:</b>        | Transcriptional repressor that binds to the promoter region of target genes. Plays a role in the regulation of the cell cycle and of the Wnt pathway. Binds preferentially to the sequence 5'-TTCATTCATTCA-3'. Binding to the H1FO promoter is enhanced by interaction with RB1. Disrupts the interaction between DNA and TCF4.[UniProtKB/Swiss-Prot Function] |
| <b>Locus ID:</b>       | 26959                                                                                                                                                                                                                                                                                                                                                          |
| <b>MW:</b>             | 42.9                                                                                                                                                                                                                                                                                                                                                           |