

## Product datasheet for **SC332071**

### **HBP1 (NM\_001244262) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** HBP1 (NM\_001244262) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** HBP1  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC332071 representing NM\_001244262.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCGACGGGTTTGTCTCAGAGCACCATAACATGGTGTGGGAAGTGAAGACAAATCAGATGCCTAATGCA
GTACAGAAACTCCTGTTGGTGTATGGACAAGAGAGCCTCAGGAATGAATGACTCATTGGAGTTGCTGCAG
TGTAATGAGAATTTGCCATCTTCACCTGGATATAACTCCTGTGATGAACACATGGAGCTTGATGACCTT
CCTGAACCTCAGGCAGTTCAAAGTATCCTACCAATCTGGCATGTACCAGCTGAGTTGAGATGTTTCA
CATCAAGAATACCAAGATCATCTTGAACCAAAAATACCTCAGACATACCAGAACTACTACCGTGAA
AATGAGGTGGACTGGCTAACAGAATTGGCAAATATCGCGACCAGTCCACAAAGTCCACTGATGCAGTGC
TCATTTTACAATAGATCATCTCCTGTACACATCATAGCCACTAGCAAAAAGTTTACATTCTATGCACGC
CCTCCACCAAGTGTCTCTTCTCGAAGAGTGAACCAAGCCTTCCCTCATACCATTGGAAGGAGGAAACA
CCAGTAAGACACGAAAGGGCAAATAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA
GATGATGATTTGGGATGGTGCAATTCCTGGCCTTCAACTGTCTGGCACTGTTTTTGAAGGCACACGA
CTGTGCTTTTATAAGGGAAGCAATAAGGAATGGCAAGATGTTGAAGATTTTGTAGAGCTGAAGGCTGT
GATAATGAGGAAGATCTTCAAATGGGCATTCAAGGGCTATGGTTCTGATGGTCTAAAGTTGTTATCA
CATGAAGAAAGTGTATCATTTGGCGAGTCTGACTGAAGTTGACTTTTGATCCTGGTACAGTAGAAGAT
GGTTTACTTACCCTAGAGTGAAGCTGGACCACCTTTCTATGTTAAAAATAAAGTTGGTATCATTTT
TATCCAAGCTTGACTGTGGTACAGCATGGCATTCCATGTTGTGAAGTTTCAATTGGCGATGATGTCTA
CCTCCTGGACACCCCGATGCCATTAATTTTGTATTCAGGTGTTTTTGTATACATTTAAAAGCTATGAC
TTCACACCTATGGATTCTTCTGCAGTTTATGTGTTAAGTAGTATGGCTCGCCAGCGCTCGTGCATCTTTG
TCTTGTGGAGGACCTGGTGGTCAAGACTTTGCAAGATCTGGATTGAGTAAACTGTGGCTCACCTGGA
TCATCACAGCTCTTCCAATCTTTGTATGCTAAAGCTGTCAAAAACCACAGCTCAGGGACTGTGAGT
GCCACTTCTCCTAATAAGTGCAAAAGACCAATGAATGCCTTCATGCTTTTTGCCAAAAATACAGAGTT
GAATATACTCAGATGTATCCAGGGAAAGATAACAGAGCCATAAGTGTGATCCTTGGTGACAGGTGGAAG
AAAATGAAGAATGAAGAGAGAAGAATGTACACATTAGAAGCAAAGGCTTTGGCTGAAGAACAGAAACGT
TTAAATCCTGACTGTTGGAAGAGGAAAAGAACCAATTCAGGCTCACAACAACATTAA
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**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001244262  
**Insert Size:** 1575 bp



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<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>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>	<a href="#">NM_001244262.1</a>
<b>RefSeq Size:</b>	2749 bp
<b>RefSeq ORF:</b>	1575 bp
<b>Locus ID:</b>	26959
<b>UniProt ID:</b>	<a href="#">O60381</a>
<b>Cytogenetics:</b>	7q22.3
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	58.7 kDa
<b>Gene 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 H1F0 promoter is enhanced by interaction with RB1. Disrupts the interaction between DNA and TCF4.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).