

Product datasheet for **SC123833**

Heat Shock Factor 2 Binding Protein (HSF2BP) (NM_007031) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Heat Shock Factor 2 Binding Protein (HSF2BP) (NM_007031) Human Untagged Clone
Tag:	Tag Free
Symbol:	Heat Shock Factor 2 Binding Protein
Synonyms:	MEILB2; POF19
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_007031 edited
 GGCCCTGGCAGCTGGCGGAGCGGCCAGCCCGTGTGCACGTGGCGCCGGCGCTGCCTTTC
 GGTGGCAAAATTCAGGCTGTAGACGGCGAGATAACAAGTTTAAACCCCGGCTAAGCCA
 GAAGAGCCAAAGAGGGACCTCGCCAAGGCCACTCCTCGCTCTCTAGGCCGAGAATACTGC
 GCAAAATCTGGGAGGTTTGGGCTGGCGGCTCTCCGTTCCCGACCCCGGCGTGGATTTCG
 TTCCCGCGCTTTCTGGCATGAGGGGTGAGAGGGCGCGCCGACGCTCAGGCGAACGGAGCG
 GAGGCGGACGCGCCATGGGCGAAGCGGGCGCCGCTGAGGAGGCTGCCGGCACATGGGA
 ACTAAAGAGGAATTTGTTAAAGTCAGAAAGAAGGATCTGGAACGGCTGACAACTGAAGTG
 ATGCAAAATACGGGACTTCTTACCCAGAATACTAAATGGGAGGTGCTGGAGAGCTTCCAG
 AAATTAAGATTGTAGAAAAAACCTGGAAAGGAAAGAGCAAGAATTAGAGCAGCTGAAA
 ATGGATTGTGAGCACTTTAAAGCCCGCTGGAAACCGTGACGGCCGACAACATAAGAGAG
 AAGAAGGAGAACTGGCTCTTCGACAGCAGTTGAATGAAGCGAAGCAGCAACTCCTGCAG
 CAGGCAGAGTATTGTACAGAAATGGGAGCAGCAGCGTGTACCCTCTTGTGGGTGTCTCC
 AGCAGTGAGGAAGTCGTCAAGGCCATTTTGGGAGGAGATAAAGCTTTGAAGTTTTTCAGC
 ATCACTGGTCAACAATGGAGAGTTTTGTGAAGTCGTTAGACGGTGATGTCCAGGAGCTG
 GATTTCGGATGAAAGTCAGTTTGTTCGCTCTGGCTGGAATTGTACGAATGTTGCTGCT
 ATAGCATGTGGTCTGTAATTCTTGGTTAATTCAAGCCGGTGCTCTTGGACACCATATTG
 CAGCTTCTGGGAGACTTGAAGCCAGGACAGTGTACCAAACTCAAAGTGCTAATGCTGATG
 TCCCTATACAATGTAAGCATCAATTTGAAAGGCTTGAAATACATCAGCGAGAGTCCAGGA
 TTCATCCCTTTGCTGTGGTGGCTTTTGAAGTATCCAGATGCAGAGGTGTGCCTTCATGTA
 CTGAGGCTTGTCCAGTCTGTGGTCTGGAACCTGAAGTCTTCTCCAAGTCGGCCTCTGAG
 TTCCGGAGCTCCCTGCCCTGCAACGCATCCTGGCAATGTCCAAGAGCCGCAACCCCGC
 CTGCAAAACCGCAGCCAGGAGCTCCTGGAAGATCTCCGACTCTGGAGCATAATGTGTAG
 GTGTGCTCGGCCACAGGGTTTTGGTGAAATGCCGGTGTCCTTCTCCCGAGATCCCTC
 ATTTGATACTCCAAAACCATCACCATGTACCATGTGTTAGAGTTGGCAAAATGTATTGA
 CTAGAGATGGACATGAATTGATATGTATCCACATAACTTTGTCTTGAAGTGAGAGTGC
 TTGTAGGTGGTTGGTTAAGCTTGCCAAAGGAGAGGCCATGAAAGAACCTGTCCTTCTGGA
 AAAGTGGTCCATGTCTGTGCTGGCTGGAAGAGGGCTTGCTTAGGGCAGCTTCTTGCTGCT
 CAGCAGACCATGACCTGTAGGTTACCTATAAAACAGGGAATTAATAACCATCTACCC
 CATTAGTCAGCATTTTCTTGAGATACATTTCTTTGAAAAGCAATTCATTCTCTCTAGT
 AATTGTAATTAATCCCCCAAAATGCAAGTTTACTTTTATAACCTTTTGGTGAACCTGCT
 ATTTTCGGATGACATTGGGCATTTTAGTTCTATATTTTTTGTGCCTCTTTATTTTGAAT
 AAAGAAAATCAGAAGAGTTGTAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_007031 unedited
 NNNNNAAAGTTCTTACGCTGGNGAAACCATCCAGCTGTTTTGACCTCCATANAAGAACC
 GGGACCGATCCAGCCTCCGGACTTANCTAGGCCGCGGACGGATAACAATTTACACA
 GGAAACAGCTATGACCATTAGGCTATTTAGGTGACACTATAGAACAAGTTTGTACAAAA
 AAGCAGGCTGGTACCGGTCCGGAATTCGCGGATATCGTCGACCCACGCGTCCGGGCCCT
 GGCAGCTGGCGGAGCGGCCAGCCCGTGTGCACGTGGCGCCGGCGCTGCCTTTTCGTTGC
 CAAAATTCAGGCTGTAGACGGCGAGATAACAAGTTTAAACCCCGGCTAAGCCAGAAGAG
 CCAAAGAGGGACCTCGCCAAGGCCACTCCTCGCTCTCTAGGCCGAGAATACTGCGCAAT
 TCTGGGAGGTTTGGGCTGGCGGCTCTCCGTTCCCGACCCCGGCGTGGATTTCGTTCCCG
 CGCTTTCTGGCATGAGGGGTGAGAGGGCGCGCCGACGCTCAGGCGAACGGAGCGGAGGCG
 GCAGCGGCCATGGGCGAAGCGGGCGCCGCTGAGGAGGCTGCCGGCACATGGGAATAAA
 GAGGAATTTGTTAAAGTCAGAAAGAAGGATCTGGAACGGCTGACAACTGAAGTGATGCAA
 ATACGGGACTTCTTACCCAGAATACTAANATGGGAGGTGCTGGAGAGCTTCCAGAAAT
 TAAAGATTGTAGAAAAAACCTGGAAAGGAAAGAGCAAGAATTAGAGCAGCTGANAATGG
 ATTGTGAGCACTTTAAAGCCCGCTGGAAACCGTGCNAGCCGACAACATAAGAGAGAAGA
 AAGAGAACTGGCTCTTCGACAGCAGTTGAATGAAGCGAAGCAGCCACTCCT

Restriction Sites: Please inquire

ACCN:	NM_007031
Insert Size:	4700 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:	<u>NM_007031.1</u> , <u>NP_008962.1</u>
RefSeq Size:	1916 bp
RefSeq ORF:	1005 bp
Locus ID:	11077
UniProt ID:	<u>O75031</u>
Cytogenetics:	21q22.3
Protein Families:	Transcription Factors
Gene Summary:	HSF2 binding protein (HSF2BP) associates with HSF2. The interaction occurs between the trimerization domain of HSF2 and the amino terminal hydrophilic region of HSF2BP that comprises two leucine zipper motifs. HSF2BP may therefore be involved in modulating HSF2 activation. [provided by RefSeq, Jul 2008]