

Product datasheet for MC225310

Hivep2 (NM_010437) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hivep2 (NM_010437) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hivep2
Synonyms:	Gm20114; MIBP-1; MIBP1; Schnurri-2; Shn-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225310 representing NM_010437 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGACACCGGGACACAGCTCTAGGACAAAAAGCTACCTCAAGGTCTGGAGAACTGACAGCGTGTCTG
GTAGATGGAGGCAGGAACAATCAGCTGTTCTTAAGATGAGCACTTCAGCAGTCAGGAAGGGCCAAGACA
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 AAACAAAAAATTAAGTGCAGAAATTTATACTCTGGCTGCTATGCACAGGCCCGGAGCTGGTAAGCTCACT
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AAGGAAATTAGCAGGAAATGTCCTAAAGGAAAGAGGGAAAGGAGAGATTCACGGAGATAAAGATCTTGGATCCAAACAACTGAGCCAATCCGAATTAAGATCTTTGAAGGGGGGTACAAATCCAATGAAGATTATGTGTATGTCAGAGGACGTGGACGGGAAAGTATATTTGTGAAGAGTGTGGAAATTCGCTGTGAAGAAGCCAAGTATGCTCAAAAAACACATACGCACTCATACTGATGTTCCGGCCTTATGTATGCAAGTTATGTAATTTTGCCTTCAAAACGAAAGGAAACCTAACAAAACACATGAAATCTAAGGCCACATGAAAAAGTGTCTGGAGCTGGGCGTGTCGATGACATCAGTAGATGACACAGAAACAGAAGAAGCAGAAAAATATGGAAGAGTTGCACAAAACATCTGAGAAGCACAGCATGTCCGGCATCTCCACTGATCACCAGTTCTCCGATGCGGAGGAATCGGATGGGGAGATGGAGATGACAACGATGATGATGATGAAGATGACGATGACTTTGATGACCAAGGAGATTTGACACCCAACAAGGTCAAGAAGCACCAAGTCTCAGCCTCCTAGGTTCTCCTCCTTGCCTGTCAATGTTGGCGTGTAGCCCATGGCGTCCCTTCAGATAGCTCTCTGGACATTCGTCATTGATCAGCTATTTGGTCACTCTACCGAGTATTACAGTACTCAGCTCATGACACCCAGTACTCTTGTGATGACACTCAGATGACAGAATATCAGAGGCTGTTCCAGAGCAAAAGCACAGACTCTGAACCCGACAAAGACAGGTTAGACATCCCAAGCTCCATGGACGAAGAGGCCATGTTGTCTTCAGAGCAAGCTCCTCCCAAGGGACTTCTCCCCCAAGCTACCGTTCTCCCCAGGCTATGATTCTCACCTGTCGAGATAATTGCGCAAAGAGGTATCTGATACCCAAAGGAGATTGTGTCACCCAGAAGACATTTATCACCTAGACGAGACCTGTGCGCGATGAGGCATCTGTACCAAGAAAAGAGCTGCATTGAGGAGAGAGATGTCCAAGGGGATGCCTCACCAAGAAGGCACTTGTCCCCAAGGAGACCA TTGTCTCCTGAAAGGACATTACAGCAAGAAGAGATCTCTCTCCAGAAGAGAGAGAAGATATGACCA CCATCAGAGCACCGTCTCCAGAAAGGGCTTTATATCCTAACCTCCATTATCCATGGGACAGTATCTACA AACAGAGCCAATTGTATTGGGGCCTCCTAATCTAAGAAGAGGAATACCTCAGGTTCTTACTTCAGTCTC TATGGAGACCAAGAAGGTGCTTATGAACATCACGGCTCCAGCCTTTTCCCTGAGGGTCTACTGACTATG TCTTCAGTCATCTTCCACTACACTCTCAGCAGCAAGTACGAGCTCCTATACCCATGGTGCCAGTTGGTGG GATCCAAATGGTTCACCTCTTCCCGCTGCCCTTCCGGTTTACATCCTCCACCCACATTCCTCTGCCC ACAGAGGGCTCTGAGGAGAAGAAAGGAGCACCAGGGGAGGCCTTTGCCAAGGATCCCTACATCCTTTCCA GCGGCATGAGAAACAAGCCCTCAAGTTTGCAGTCATCTGGTCTACCTAGTTCTCCCTCCTCCCCACG GCTATTGATGAAACAGAGTACTTCAGAAGACAGCCTAAATTCCACGGAGAGAGAACAGGAGGAAAACATA CAGACTTGTACAAAAGCCATTGCCTCACTCCGATTGCAACAGAAGAGGCAGCTCTGCTTGGGGTACC CTCCCACATGGGTACAAGAGTCCCCCAGAAACCCTTGGAAAGTGCACACGTGAGCATTAGACACTTTGG CGGGCTGAGCCAGGTGACCCCTGTACCTCAGCCGCCACCCTGACTTACATGATGGTAAAAGGACACT TTTGGTACATCACAGACTGCAGTAGCTCACCCACGTTTTACAGCAAGAGCAGTGTGGATGAGAAGCGGG TGGACTTTCAGAGCAGCAAGGAATTATCTTTAAGCACAGAGGAAGCAATGAACCTCACCAGAAAAGAA TCAACTCCATTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_010437
- Insert Size:** 7293 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_010437.2](#), [NP_034567.2](#)

RefSeq Size: 9788 bp

RefSeq ORF: 7293 bp

Locus ID: 15273

UniProt ID: [Q3UHF7](#)

Cytogenetics: 10 A2

Gene Summary: Specifically binds to the DNA sequence 5'-GGGACTTTCC-3' which is found in the enhancer elements of numerous viral promoters such as those of SV40, CMV, or HIV1. In addition, related sequences are found in the enhancer elements of a number of cellular promoters, including those of the class I MHC, interleukin-2 receptor, somatostatin receptor II, and interferon-beta genes. It may act in T-cell activation (By similarity).[UniProtKB/Swiss-Prot Function]