

Product datasheet for **MC200050**

Hdgfrp2 (BC003741) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hdgfrp2 (BC003741) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hdgfrp2
Synonyms:	HRP-2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC003741
 CTTTCGCCTCTACCGCCGTTGCTGCTTCCC GCGCCTGGGCTCCGCGACAGCATGCCGCACGCCTTCA
 AGCCCGGGGACTTGGTGTGGCCAAAGTGAAGGGCTACCCGCACTGGCCGGCCGGATTGATGACATTGC
 TGATGGTGCCGTGAAGCCCCACCAACAATACCCCATCTTCTTCTTTGGAACGCATGAAACGGCCTTC
 CTGGGACCAAGGACCTGTTCCCTATGATAAGTGCAAGGACAAGTACGGAAAGCCCAACAAGAGGAAAG
 GCTTCAATGAGGGGCTCTGGGAGATCCAGAACAACCCCATGCCAGCTACAGTGGCCTCCGCCGGTGAG
 CTCTCTGACAGTGAGGCCCTGAAGCCGACCTGGGTTGTGGCAGCGACGTGGACAAGGACAAGAATCC
 CGGAGGGTCATGACTGTGACAGCTGTGACCACCACAGCCACCAGTGACAGGATGGAGAGCGATTCTGACT
 CTGACAAGAGCAGTGATCACAGTGGCCTGAAGCGAAGACACCAGTCTTGAAGGTGTGAGTCTCTAAACG
 AGCTAGAAGAGCTTCCAGTGACCTGGATCAGGCCAGTGTGTCCCATCAGAAGAGGACTCTGAGAGCCCA
 TCTGAGTCGGAGAAGACCAGTGACCAGGATTTTACCCAGAGAAGAAGACAGCGCCCGCCGCCACGGC
 GAGGTCTCTGGGAGGACGCAAGAAGAAGCACCCTGGCTATGCCTGTCCCGAAGGTGCCATCAGC
 CTCGGATTGACTCCAAAGCCGACTCAGATGGGGCAAGGAGGAGCCTGTGTTACAGCACAGCCGTCT
 CCATCCTCCTCGTCGTCCTCATCATCCTCCTCAGACTCAGATGTGTCTGTCAAGAAACCCCTC
 GAGGTAGAAAGCCAGCTGAGAAGCCACCCCAAAACCCCGAGGGCGGAGACCAAGCCAGAACGACCACC
 TTCCACCTCCAGCAGTGACAGTGACAGTGGTGAAGTAGACCGCATCAGTGAATGGAAGAGACGT
 GATGAAGAGCGAAGGCGTGAGCTGGAGGCTCGGAGGCGACGGGAGCAGGAGGAAGAGCTCCGGAGACTTC
 GAGAACAGGAGAGGGAGGAGAAGGAGCGGCCAAGGAGCGGGCAGAGCGTGGGGGACGAGTGGAGAGGA
 GCTGGAGGACGAGGAGCCTGTGAAGAAGCGTAGCCGAAAGGCTCGAGGCCGAGGCACACCATCCTCCTCT
 GACTCAGAACCTGAGGGGGAGCTTGGGAAAAGGGGAAGAAGTTGGCCAAGAAGTCCCAACTGCCAGGCT
 CAGAGTCTGCAAGGAAGCCTGGGCAAAAGGAGAAGAGAGGGCGCCAGATGAGAAGCCACGAGCCAGGCC
 TGTGAAGGTGGAGCGGACGCGGAAGCGGTGAGAGGCTCTCTACTGGAAGGAAGGGGGAGAAGAAGAAA
 GAACCTCCGTAGAGGAGAGACTGCAAAAGCTGCACAGCGAGATCAAATTTGACTGAAGTTGACAACC
 CAGATGTGAGGAAGTGTCTGAGTGCACTGGAAGAACTGGGGACTCTGCAGGTAACCTCTCAGATTCTTCA
 GAAGAACACAGATGTGGTAGCAACGCTGAAGAAGATTCGCCGGTACAAGGCCAACAGGATGTGATGGCG
 AAGGCAGCAGAGGTCTACACCCGGCTCAAGTACGCGGTCTGGGGCCGAAAGTTGAGGCTCTCCAGAAGG
 TGAACAAGGCTGGAGCCGAGAAGGAACGGGCCGATAACGAGAAGCTAGAGGAGCAGCCGGGGGAGCAGGC
 TCCCAGAGAGCTGGCAGAGGATGAGCCCAGCACCATCGGTGAGCACCTGTGAATGGTGAGGCCACATCC
 CAGAAGGGGGAGAACATGGAAGACAGAGCACAGGAAGACGGGCAGGACTCTGAAGATGGCCCCAGGGGTG
 GCTCCTCAGAAGAGCTGCATGACAGCCCACGCGACAACCTCGGACCAGCCAAGCCTGGAATGAGCGTCA
 GGACCATGAGAGGACACGGCTGGCCTCTGAGTCTGCCAATGATGACAATGAGGACAGCTGAGCTCCAGCC
 ACTGTGGCCATGGTGCCATGTCCATCCCCAGCCTCCCAGGGAAGTGTGCGCTGTTTGTATTTGTGGTCT
 GGGCTTTTCTGCCTAGTTCTGTGATTTCAATTGACATGAAATGGCTATAAAGAATTTTGTATGAAAAA AAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC003741

Insert Size: 2037 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: [BC003741](#), [AAH03741](#)

RefSeq Size: 2249 bp

RefSeq ORF: 2037 bp

Locus ID: 15193

Cytogenetics: 17 D

Gene Summary: Involved in cellular growth control, through the regulation of cyclin D1 expression (By similarity). Associates with chromatin. Isoform 1 and isoform 3 bind to condensed chromatin in mitotic cells. Isoform 4 binds to non-condensed chromatin in the presence of HDGF. [UniProtKB/Swiss-Prot Function]