

Product datasheet for MC200801

Hpd (NM_008277) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hpd (NM_008277) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hpd
Synonyms: 4HPPD; Fla; Flp; Hppd; Laf
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC013343 sequence for NM_008277
 CCACGCGTCCGCCACGCGTCCGCACCATCAACCATGACAACCTACAACAACAAAGGACCAAGCCTGAG
 AGAGGCCGGTTCCTCCATTTCCACTCGGTGACCTTCTGGGTTGGCAATGCCAAGCAGGCTGCTTCCTTCT
 ACTGCAACAAGATGGGCTTTGAACCTCTGGCCTACAGGGGCCCTAGAGACTGGCTCCCGGGAGGTAGTCAG
 CCACGTCAAGCAAGGAAAATTGTGTTTGTCTCTGCTCTGCTCTCAATCCCTGGAACAAAGAGATG
 GGCGACCCTTGGTGAAGCATGGCGACGGGGTGAAGACATCGCATTGAGGTGGAAGACTGCGACCACA
 TTGTGCAGAAAGCTCGAGAACGGGGCGCCAAAATTGTGCGGGAGCCATGGGTGGAGCAAGACAAATTTGG
 GAAGGTGAAGTTTGTGTGCTGCAGACGTATGGAGATACCACACACACCCTGGTGGAGAAGATCACTAC
 ACTGGCCGTTTCTTACCTGGATTGAGGCCCAACATAACAAGGATACCCTGCTTCCAAAACCTACCCAGAT
 GTAACCTTGAGATCATTGACCACATTGTAGGCAACCAACCCGACCAAGAAATGCAGTCTGCCTCAGAATG
 GTACCTGAAAAACCTGCAGTTCACCGGTTCTGGTCCGTGGACGACACGCAGGTGCACACGGAGTACAGC
 TCTCTGCGCTCCATTGTGGTACCAACTACGAGGAATCCATCAAATGCCATCAACGAGCCAGCTCCGG
 GCAGGAAGAAGTCTCAGATCCAGGAATATGTGGACTATAATGGGGTGTGGGGTCCAGCACATCGCTCT
 CAAGACGGAAGACATCATCACAGCAATCCGCCACTTGAGGGAGCGAGGCACGGAGTTCTTGGCCGCCCA
 TCTTCTTACTACAACTGCTTCGGGAGAATCTCAAGTCAGCCAAGATCCAGGTGAAAGAGAGCATGGACG
 TCCTGGAGGAGCTGCATATCCTAGTCGACTATGACGAGAAAGGCTACCTCCTACAGATCTTACCAAGCC
 CATGCAGGACCGGCCACACTCTTCTGGAAGTCAATCAACGTACAACCACCAGGGCTTGGAGCGGGC
 AACTTCAACTCTCTGTTCAAGCGTTCGAGGAGGAGCAAGCCCTACGGGGCAACCTCACTGACCTGGAGC
 CCAATGGTGTGAGTCTGGAATGTAAGCCCCATCCACACATGGACCACGAAAGTGTGGACACATCAG
 TCATCTCCAACCTGGCTGAAAGGCTGAACCTCAGGGCTCCACCCAGCTCATGGCCACGCCCCCTCTATTAC
 AAGAGTCCGCTTGCCTGAGTCTCCCTGCTGAGTAAAGTACCCTCCCAGGTCCAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_008277
Insert Size: 1182 bp



[View online »](#)

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:	<ol style="list-style-type: none"> 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>BC013343</u> , <u>AAH13343</u>
RefSeq Size:	1432 bp
RefSeq ORF:	1182 bp
Locus ID:	15445
UniProt ID:	<u>P49429</u>
Cytogenetics:	5 62.82 cM
Gene Summary:	Key enzyme in the degradation of tyrosine.[UniProtKB/Swiss-Prot Function]