

Product datasheet for **RN208703**

HpdI (NM_001014068) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HpdI (NM_001014068) Rat Untagged Clone
Tag:	Tag Free
Symbol:	HpdI
Synonyms:	Gloxd1; RGD1310014
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN208703 representing NM_001014068 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGCGCCCGCCCGCTCTGTGTACATCGCCTTCATGTGCCGGCTGGGCAGCCCTAGCGAGAG
ACTTACAACGCATCTTCGGCTTCAGCCCTGGCTGTGCGGGAAGCAGGCGGCTGGAGACAGCTGGCCCT
GCGCAGCGGGGACGCTGTCTTTCTAGTGAATGAGGGTACCGGGCCGCGGAGCCACTGTATGGCCTGGAC
CCTCATCACTCGGTGCCAGCGCAACGAACCTGTGCTTCGACGTGGAGGATGTGGACCGCGCCCGCCGGG
CACTGGCGGCTCGCGGCTGCATCATGCCGTACCACTAGGGTGAGAGATGCACAGGGCACAGCCAC
CTACACAGTGGTCAGCTCTCCGGCTGGTAATCTAAGCCTTACCTTGCTGCAGCGTCTGGCTATCGAGGA
TCTTTCTGCCCCGGTTGACACCTCTGCCCTGCACTCCTGGCCCCGGCTGGGTACGCCACGTGGACCACT
TGACCTTGGCCTGCACCTCAGGCAGCTCCCTACACTTATGCGTTGGTCCACAACCTGCCTAGGGTTTCA
TCATTTACCGCTGAGCCAGGTGAGGATCCGGAGCTGGGCCTCAAGGTGGCTGTAGGGTCTGGGCGAGGG
GGACTGCGGCTTACTGCCTGCAGACTCTGCCAAATAGTACTGTCCCCACCCTTGTGCTGGCAGAGTCCC
TCCCGGGACTCACCAGCGAACAGGACAGGTAGAACAATTTCTAACCCGGCACGGAGGGCCAGGCCTGCA
GCACGTAGGACTGTACACTCCTAACATCATAGATGCTTCTGAAGGAATGGCGAAGGCGGGAGGCCGGCTC
CTGACTCCTCTGAAGCTTATTACCAGCAGCCCGCAAAGAGGAACAAATCTTAGCCTCAGGGCACAAGC
CTAGCTTTCTAGAACGGCAGGGAATCCTGCTAGATGGAGATAAAGATGAGTTTTTGTCTCAAGTCTTCAC
CAAGTCCCTCTTTGATGAGGACACTTTCTCTGGAAGTATTGAGAGACAGGGGCCACAGGCTTTGGC
CAGAACAACATTCGTGCACTATGGCAGTCGGTGAAGAGGAAGCTGCCAGGGCTCAGGGAAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001014068
Insert Size:	1116 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_001014068.1 , NP_001014090.1
RefSeq Size:	1631 bp
RefSeq ORF:	1116 bp
Locus ID:	313521
UniProt ID:	Q5XIH9
Cytogenetics:	5q35
Gene Summary:	May have dioxygenase activity.[UniProtKB/Swiss-Prot Function]