

Product datasheet for **MC200084**

Hmbs (NM_013551) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hmbs (NM_013551) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hmbs
Synonyms: PBGD; T25658; Ups; Uros1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003861 sequence for NM_013551
 CCCACGCGTCCGGCAGGTCCTGCAGCCGGAGTGAAGTGCGGGCTCGGGCCCCATGTGCCTTCAGTCCCGG
 CCGGCCAGGTCGTCGGCTTCTGCAGACACCAGGGGACCGCAGCGGCACTGCCGCGCTGCGCCCTGGG
 GGAGTCATGTCCGGTAACGGCGGCGGGCCACAACCGCGGAAGAAAACGGCTCAAAGATGAGGGTATT
 GAGTGGGCACCCGTAAGAGCCAGCTGGCTCGCATACAGACCGACACTGTGGTGGCGATGCTGAAAGCCTT
 GTACCCTGGCATAACGTTTAAAATCATTGCTATGTCCACCACGGGAGACAAGATTCTTGATACTGCACTC
 TCTAAGATTGGAGAGAAGAGCCTGTTTACCAAGGAGCTAGAAAACGCCCTGGAAAAAACGAAGTGGACC
 TGGTTGTTCACTCCCTGAAGGATGTGCCTACCATACTACCTCCTGGCTTTACTATTGGAGCCATCTGCAA
 ACGGGAAAACCTTGTGATGCTGTTGTCTTTACCCAAAGTTTATTGGAAAGACCCTGGAAACCTTGCCA
 GAGAAAAGTGCCGTGGGAACCAGCTCTCTGAGGAGAGTGGCTCAGCTACAGAGAAAGTTCCCAACCTGG
 AATTCAAGAGTATTCGGGAAACCTCAACACCCGCCTTCGGAAGCTGGATGAGCTGCAGGAATTCAGTGC
 CATTGTCCTGGCTGTGGCTGGCCTACAGCGCATGGCTGGCAGAACCAGGTTGGCCAGATTTTGACCCA
 GAGGAATGCATGTATGCTGTGGTCCAGGGGCCCTAGCCGTGGAAGTCCGAGCCAAGGACCAGGATATCT
 TGGACCTAGTGAGTGTGTTGCACGATCCTGAAACTCTGCTTCGCTGCATTGCTGAAAGGGCTTTTCTGAG
 GCACCTGGAAGGAGGCTGCAGCGTGCCCGTAGCAGTGCATACAGTGTGAAAGATGGGCAACTGTACCTG
 ACTGGTGGAGTATGGAGTCTAGATGGCTCAGATAGCATGCAAGAGACTATGCAGGCCACCATCCAGGTCC
 CTGTTCCAGCAAGAAGATGGTCCAGAAGATGACCCAACTGGTTGGAATCACTGCCCGGAACATTCGAAG
 AGGAGCCCAGCTAGCTGCTGAGAACCTGGGCATCAGCCTGGCCAGCTTGTGCTCAACAAAGGAGCCAAG
 AACATCCTGGATGTTGCACGGCAGCTTAATGATGTGCGCTAACTGGTCTGTAGGGCACAGGAACCTGGC
 TGCCACTCCAGTGCCTACTTCTGGCTTCCAAGTGCCTGTGCTCCATCCCTAGGGGTGTGATTATCCAG
 GAAATTGAACCACAGGGTTGTTGAGACTTCCACTTTGGAAGATATGCCTCACCTTGGGGCTCCATATCT
 GCCTTTCCCTCAGTAGTTGGGGCTTCTCTTTAGAGAAAAGTCCATGCCAATCTTTGAATGTAACCAA
 TACCACTAATAAACAGTTTGAATGTGGTTCTTCTGATAGAGTTGGGGAAGATATGAATAAACCCAAAG
 CCCTTTTAAACTTGAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_013551
Insert Size:	1086 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:	<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:	BC003861 , AAH03861
RefSeq Size:	1571 bp
RefSeq ORF:	1086 bp
Locus ID:	15288
UniProt ID:	P22907
Cytogenetics:	9 24.84 cM
Gene Summary:	<p>Tetrapolymerization of the monopyrrole PBG into the hydroxymethylbilane pre-uroporphyrinogen in several discrete steps.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer protein (isoform 1).</p>