

Product datasheet for RN212589

Hmbs (NM_013168) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hmbs (NM_013168) Rat Untagged Clone
Tag: Tag Free
Symbol: Hmbs
Synonyms: hemC; PBG-D; PBGD; URO-S
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212589 representing NM_013168
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCCGGTAACGGCGGCGGGCCACAACCGGGAAGAAAACGGCTCAATGATGAGGGTGATTTCGAGTGG
 GCACCCGGAAGAGTCAGCTGGCTCGCATACAGACCGACTGTGGTAGCGATGCTGAAAACCTTGTACCC
 TGGCATACAGTTTGAAATCATTGCTATGTCCACCACAGGGGACAAGATTCTTGATACTGCACTCTCTAAG
 ATTGGAGAGAAGAGCCTGTTACCAAGGAGCTAGAAAACGCCCTGGAAAAAATGAAGTGGACCTGGTTG
 TCACTCCCTGAAGGATGTGCCTACCATACTACCTCCTGGCTTTACCATTGGAGCCATCTGCAAACGGGA
 AAACCTTGTGATGCTGTTGTTTTACCCAAAGTTTATTGAAAAGACCTGGAAACCTTGCCAGAGAAA
 AGTGCCGTGGGGACCAGCTCCCTGAGGAGAGTGGCGCAGCTACAGAGAAAGTTCCCTCACCTGGAATTCA
 AGAGTATTCGGGAAACCTCAACACCCGCTACGGAAGCTGGATGAGCTGCAGGAGTTCAAGTCCATTAT
 CCTGGCTGTGGCTGGCTACAGCGCATGGGCTGGCAGAACCGGTGGGCCAGATCTGCACCCAGAGGAA
 TGCATGTATGCTGTGGTCAGGGAGCCCTGGCGGTGGAGGTCGAGCCAAGGACCAGGATATCTTGACC
 TAGTGGGTGTGTTGCATGATCCTGAAACTCTGCTTCGCTGCATGCTGAAAGGGCTTTTCTGAGGCACCT
 GGAAGGAGGCTGTAGCGTGCCAGTAGCAGTGCATACAGTGTGAAGGATGGCAACTGTACCTGACTGGT
 GGAGTCTGGAGTCTAGATGGCTCAGATAGCATGCAAGAGACCATGCAGGCCACCATCCAGGTCCCTGTT
 AGCAAGAAGATGGTCCAGAGGATGACCCACAGTTGGTTGGAATCACTGCCCGGAACATTCCAAGAGGAGC
 CCAGCTAGCTGCTGAGAACCTGGGCATCAGCCTGGCAAGCTTGTGCTCAACAAAGGAGCTAAGAACATC
 CTAGATGTTGCACGGCAGCTTAATGATGTGCGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013168



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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:	<u>NM_013168.2, NP_037300.2</u>
RefSeq Size:	1538 bp
RefSeq ORF:	1086 bp
Locus ID:	25709
Cytogenetics:	8q22
Gene Summary:	the third enzyme of the heme biosynthetic pathway [RGD, Feb 2006]