

Product datasheet for SC203640

HMBS (NM_001024382) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HMBS (NM_001024382) Human 3' UTR Clone
Symbol:	HMBS
Synonyms:	PBG-D; PBGD; PORC; UPS
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001024382
Insert Size:	296 bp
Insert Sequence:	<p>>SC203640 3'UTR clone of NM_001024382</p> <p>The sequence shown below is from the reference sequence of NM_001024382. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC GTTGCACGGCAGCTTAACGATGCCCATTACTGGTTTGTGGGACACAGATGCCTGGGTTGCTGCTGTCC AGTGCCTACATCCCGGCCCTCAGTGCCCCATTCTCACTGCTATCTGGGGAGTGATTACCCGGGAGACT GAACTGCAGGGTTCAAGCCTTCCAGGGATTTCCTCACCTTGGGGCCTTGATGACTGCCTTGCTCCTC AGTATGTGGGGGCTTCATCTCTTTAGAGAAGTCCAAGCAACAGCCTTTGAATGTAACCAATCCTACTAA TAAACCAGTTCTGAAGGTGT ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001024382.2</u>


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Summary: This gene encodes a member of the hydroxymethylbilane synthase superfamily. The encoded protein is the third enzyme of the heme biosynthetic pathway and catalyzes the head to tail condensation of four porphobilinogen molecules into the linear hydroxymethylbilane. Mutations in this gene are associated with the autosomal dominant disease acute intermittent porphyria. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

Locus ID: 3145

MW: 10.5