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Product datasheet for SC202423

HGD (NM_000187) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HGD (NM_000187) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HGD
Synonyms:	AKU; HGO
ACCN:	NM_000187
Insert Size:	238 bp
Insert Sequence:	>SC202423 3'UTR clone of NM_000187 The sequence shown below is from the reference sequence of NM_000187. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AACTCCAGGAACCCAGCAGAACCTAATTGAGACTGGAACATTGCTACCATAATTAAGAGTAGATTTGTG AAGATTTCTTCAGAATCTCATGCTTTCTGGTAGTATTGGAGGAGGGGGTTGGTTAAAATGAAAATTCAC TTTTCATAGTCAAGTAACTCAGAACTTTTATGGAAACGCATTTGCAAAGTTCTATGGCTGTCACCTTAA TTACTCAATAAACTTGCTGGTGTTCTGTGGA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-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:	NM_000187.4

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Summary: This gene encodes the enzyme homogentisate 1,2 dioxygenase. This enzyme is involved in the catabolism of the amino acids tyrosine and phenylalanine. Mutations in this gene are the cause of the autosomal recessive metabolism disorder alkaptonuria.[provided by RefSeq, May 2010]

Locus ID: 3081

MW: 9.3