

Product datasheet for RN214875

Hmgcl (NM_024386) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hmgcl (NM_024386) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hmgcl
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN214875 representing NM_024386 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGACAGTGAGGAAGGCTTTCCACAGAGGCTGGTGGGCTTGGCGTCCCTCCGGGCTGCGAGCACCT
CCTCCATGGGCACCTTGCCGAAGCGGGTGAAGATCGTGGAAAGTCGGCCCCGAGATGGTCTGCAGAAATGA
AAAGAGTATCGTGCCGACGCCAGTGA AAAATCAA CTGATAGACATGCTATCCGAAGCAGGGCTCCCGGTC
ATCGAGGCCACCAAGCTTTGTCTCTCCAAAGTGGGTGCCGAGATGGCTGACCACTCTGACGTCTTGAAGG
GCATTCAGAAGTTTCCCGCATCAACTACCCGGTCTGACACCAAACATGAAAGGCTTTGAGGAAGCGGT
AGCTGCAGGTGCCAAGGAAGTGAGCATCTTTGGGGCTGCGTCCGAGCTTCCACCCGGAAGAATGTGAAC
TGCTCTATAGAGGAGAGTTTCCAGCGCTTTGATGGGGTCATGCAGGCCGCGAGGGCTGCCAGCATCTCTG
TGAGAGGGTATGTCTCCTGTGCCCTCGGATGTCCTACGAGGGGAAGGTCTCCCCGGCTAAAGTTGCTGA
GGTCGCCAAGAAGTTGACTCAATGGGCTGCTATGAGATCTCCCTGGGGACACCATTGGCGTAGGCACG
CCAGGACTCATGAAAGACATGCTGACTGCTGCTCCTGCATGAAGTGCCTGTGGCCGATTGGCTGTCCACT
GCCATGACACCTATGGCCAAGCTCTGGCCAACACGTTGGTGGCCCTGCAGATGGGAGTGAGCGTTGTGGA
CTCCTCGGTGGCAGGACTCGGAGGCTGTCCCTATGCAAAGGGGGCGTCAGGAAACTTGGCTACCGAGGAC
CTGGTCTACATGCTGACTGGCTTAGGGATTACACGCGGTGTGAACCTCCAGAAGCTCTAGAAGCCGGGG
ACTTCACTGTCAAGCCCTGAACAGAAAAACAGTTCCAAAGTGGCACAGGCCACCTGCAAACCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_024386
Insert Size:	978 bp



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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_024386.1</u> , <u>NP_077362.1</u>
RefSeq Size:	1390 bp
RefSeq ORF:	978 bp
Locus ID:	79238
UniProt ID:	<u>P97519</u>
Cytogenetics:	5q36
Gene Summary:	an enzyme of the ketogenic 3-hydroxy-3-methylglutaryl-CoA cycle [RGD, Feb 2006]