

## Product datasheet for **SC205373**

### Creatine kinase M type (CKM) (NM\_001824) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Creatine kinase M type (CKM) (NM_001824) Human 3' UTR Clone
Symbol:	Creatine kinase M type
Synonyms:	CKMM; CPK-M; M-CK
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001824
Insert Size:	367 bp
Insert Sequence:	<p>&gt;SC205373 3'UTR clone of NM_001824 The sequence shown below is from the reference sequence of NM_001824. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b>=Stop Codon <b>Red</b>=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA<b>GCGATCGCC</b> ATTGACGACATGATCCCCGCCAGAAAG<b>TAG</b>GCGCCTGCCACCTGCCACCGACTGCTGGAACCCAGCCA GTGGGAGGGCCTGGCCCACCAGAGTCTGCTCCCTCACTCCTCGCCCCGCCCTGTCCCAGAGTCCCA CCTGGGGGCTCTCTCCACCCTTCTCAGAGTTCCAGTTTCAACCAGAGTTCAACCAATGGGCTCCATCC TCTGGATTCTGGCCAATGAAATATCTCCCTGGCAGGGTCTCTTCTTTCCAGAGCTCCACCCCAACC AGGAGCTCTAGTTAATGGAGAGCTCCACGACACTCGGAGCTTGTCTTGTCTCCACGCAAAGCGATA AATAAAAGCATTGGTGGCCTTA <b>ACGCGT</b>AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA 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.



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**RefSeq:** [NM\\_001824.5](#)

**Summary:** The protein encoded by this gene is a cytoplasmic enzyme involved in energy homeostasis and is an important serum marker for myocardial infarction. The encoded protein reversibly catalyzes the transfer of phosphate between ATP and various phosphogens such as creatine phosphate. It acts as a homodimer in striated muscle as well as in other tissues, and as a heterodimer with a similar brain isozyme in heart. The encoded protein is a member of the ATP:guanido phosphotransferase protein family. [provided by RefSeq, Jul 2008]

**Locus ID:** 1158

**MW:** 12.7