

Product datasheet for **SC202330**

Creatine kinase B type (CKB) (NM_001823) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Creatine kinase B type (CKB) (NM_001823) Human 3' UTR Clone
Symbol:	Creatine kinase B type
Synonyms:	B-CK; BCK; CKBB; CPK-B; HEL-211; HEL-S-29
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001823
Insert Size:	227 bp
Insert Sequence:	<p>>SC202330 3'UTR clone of NM_001823 The sequence shown below is from the reference sequence of NM_001823. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ATCGACGACCTCATGCCTGCCAGAAATGAAGCCCGGCCACACCCGACACCAGCCCTGCTGCTTCCTA ACTTATTGCCTGGGAGTCCCACCATGCACCCCTGATGTTTCGCCGTCTGGCGAGCCCTTAGCCTTGCT GTAGAGACTTCCGTCACCCTTGGTAGAGTTATTTTTTTGATGGCTAAGATACTGCTGATGCTGAAATA AACTAGGGTTTTGGCCTGCC ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA 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_001823.5</u>



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Summary: The protein encoded by this gene is a cytoplasmic enzyme involved in energy homeostasis. The encoded protein reversibly catalyzes the transfer of phosphate between ATP and various phosphogens such as creatine phosphate. It acts as a homodimer in brain as well as in other tissues, and as a heterodimer with a similar muscle isozyme in heart. The encoded protein is a member of the ATP:guanido phosphotransferase protein family. A pseudogene of this gene has been characterized. [provided by RefSeq, Jul 2008]

Locus ID: 1152

MW: 8.2