

## Product datasheet for **RN208183**

### Ckm (NM\_012530) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ckm (NM\_012530) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ckm  
**Synonyms:** Ckmm; CPK-M  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN208183 representing NM\_012530  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCGTTGGCAACACCCACAACAAGTTCAAGCTGAACACAAGTCGCAGGAGGAGTACCCAGACCTCA  
GCAAACACAACAACCACATGGCCAAGGTGCTGACTCCTGACCTCTACAATAAGCTTCGAGACAAGGAGAC  
CCCATCCGGCTTCACTCTGGACGATGTCATCCAGACTGGGGTGGACAACCCGGGTACCCTTTCATCATG  
ACGGTCGGCTGTGTGGCCGGCGATGAGGAGTCTACACTGTTTTCAAGGACCTGTTTGACCCCATCATCC  
AGGACCGCATGGTGGCTTCAAACCCACAGACAAGCATAAGACCGACCTCAACCACGAGAACCTCAAGGG  
TGGAGACGATCTGGACCCCAACTATGTGCTGAGCAGCCGCTGCGCACTGGCCGACGATCAAGGGCTAC  
ACTCTGCCCCGCACTGCTCCCGCGGAGAGCGCCGTGCTGTAGAGAAGCTGTCCGTGGAAGCTCTCAACA  
GCCTGACAGGCGAGTTCAAGGGCAAATACTACCTCTGAAGAGCATGACAGAGCAGGAGCAGCAGCAGCT  
CATTGATGACCACTTCTGTTTGACAAGCCGTGTCACCTCTGCTGCTGGCCTCAGGCATGGCCCGAGAC  
TGGCCCGACGCCCGTGGCATCTGGCACAACGACAACAAAAGCTTCTGGTGTGGGTGAATGAGGAGGACC  
ACCTTCGCGTGATCTCCATGGAGAAAGGAGGCAATATGAAGGAAGTTTTCCGCCGCTTCTGCGTGGCCT  
GCAGAAGATTGAGGAGATCTTCAAGAAGGCTGGTCACCCCTTCATGTGGAACGAGCACCTGGGCTACGTG  
CTCACCTGCCCTCCAACCTGGGCACCGGGCTGCGCGGAGGCGTGCACGTGAAGCTGGCGAACCTGAGCA  
AGCACCCCAAGTTTGAGGAGATTCTCACCCGCTTCGTCTGCAGAAGCGCGGCACAGGTGGCGTGGACAC  
CGCTGCGGTGGGCGCCGTGTTGACATCTCCAACGCCGATCGGCTGGGCTTCCGAGGTGAAACAGGTG  
CAGCTGGTGGTGGATGGCGTAAAGCTTATGGTGGAGATGGAGAAGAAGCTGGAAAAGGCCAGTCCATCG  
ACGACATGATCCCTGCCGAGAAGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul



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ACCN:	NM_012530
Insert Size:	1146 bp
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"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<u><a href="#">NM_012530.2</a></u> , <u><a href="#">NP_036662.1</a></u>
RefSeq Size:	1438 bp
RefSeq ORF:	1146 bp
Locus ID:	24265
UniProt ID:	<u><a href="#">P00564</a></u>
Cytogenetics:	1q21
Gene Summary:	catalyzes regeneration of ATP; expression is induced by p53 [RGD, Feb 2006]