

Product datasheet for **RN200677**

Cmb1 (NM_001008770) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cmb1 (NM_001008770) Rat Untagged Clone
Tag: Tag Free
Symbol: Cmb1
Synonyms: RGD1306952
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200677 representing NM_001008770
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTAACGAAGCTAACCCCTTGCCCATGTGACATTGGTCACAGGCTAGACTATGGTGCCATGGGCCAGG
 AAGTTCAGGTTGAGCACATCAAGGCATATGTCACCCGGTCCCCTGTGGATGCAGGCAAAGCTGTGATTGT
 TGCCAGGATATATTTGGCTGGCAGCTGTCCAACACCAGGTATATGGCTGACATGATTGCTGGAAATGGA
 TACACAACATTGTCAGACTTCTTTGTGGGTCAAGAGCCATGGGACCCGGCTGGTGATTGGTCCACCT
 TCCTGAGTGGTTGAAATCAAGAAATGCCAGAAAATCAACCGAGAGGTTGATGCTGCTTGAGGTATCT
 GAAACAACAGTGTGATGCCAGAAAGATTGGCATTGTGGGCTTCTGCTGGGGGGTATTGTGGTGCACCAC
 GTGATGACGACATATCCAGAAGTCAGAGCGGGGTGTCTGTCTATGGTATCATCAGAGATTCTGAAGATG
 TTTATAATTTGAAGAACCAACGTTGTTTATCTTTGCAGAAAATGATGCTGTGATTCCACTTGAGCAGGT
 TTCTATACTGATCCAGAAGCTTAAAGAACACTGCATAGTTAATTACCAAGTTAAGACATTTCTGGGCAA
 ACTCATGGCTTTGTGCATCGGAAGAGAGAAGACTGCTCCCCTGCAGACAAACCCTACATTGAGGAAGCGA
 GGAGGAATCTCATCGAATGGCTGAACAAGTATATT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001008770
Insert Size: 738 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_001008770.3</u> , <u>NP_001008770.1</u>
RefSeq Size:	1160 bp
RefSeq ORF:	738 bp
Locus ID:	310201
UniProt ID:	<u>Q7TP52</u>
Cytogenetics:	2q22
Gene Summary:	Cysteine hydrolase.[UniProtKB/Swiss-Prot Function]