

## Product datasheet for **MC215837**

### Cpm (NM\_027468) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cpm (NM_027468) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cpm
Synonyms:	1110060I01Rik; 5730456K23Rik; AA589379; E030045M14Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC215837 representing NM\_027468  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGACCGCGCGCCTGTGGCTGGGGCTTCTGCTGCCCGTGGTGCCGCCCTGGATTTCCGATATCACC  
ACCAGGAAGGGATGGAGGCGTTCCTAAAGAGCGTGGCTCAGAAGTACAGTTCGATCACGCACTTGCACAG  
CATCGGGAAATCTGTGAGAGGTAGAAACCTGTGGTTCTCGTTGTGGGCAGACTCCAAAGGAACACAGA  
GTCGGGATTCCAGAATCAAATACGTGGCGAATATGCACGGAGATGAGACTGTAGGGCGAGAAGTCTGTC  
TCCACCTGATCGACTATCTGGTGAAGCAGTTACAGGAAAGACCCGAAATCACGCATCTGATTGACAGCAC  
CCGGATCCACATCATGCCTTCCATGAACCCGATGGATTCAAGCCGTCAGAGCCGACTGTTACTAC  
AGCAATGGCAGGGAAAATAACAATAATTATGACCTGAACAGAACTTTCTGATGCCTTTGAGAATAACA  
ATGTAACAAAGCAACCTGAGACTCTGGCAATCATGGAGTGGCTGAAAACGAAACATTTGCTCTCTGC  
GAATCTCCATGGGGTGCCTGGTGGCCAGTTACCCCTTGATAATGGCGTACAAGCTACGGGGACTG  
TTGTCCCGAAGCTTAACCCCGGACGATGACGTTTTCCAACACCTGGCCTACACCTACGCCTCCCGAATC  
CCAACATGACAAAAGGAGATCAGTGTA AAAACAAGAGAACTTCCCAACGGGATTATCAACGGCTACTC  
CTGGTACCCTACTGCAAGGGGAAATGCAAGATTACAACATCTGGGCCAGTGCTTTGAAATTACCCTG  
GAGCTGTGCTGTGTAATAATCTCGCGAGGAGAAGCTGCCGCTCTTTGGAACGATAACAAAGCCTCTT  
TGATCGAATATATAAAACAGGTGCACCTAGGGGTAAGGGTCAAGTGTTCGATCAGAGTGGAGCTCCATT  
ACCGAATGTAATCGTGAAGTCCAAGACAGAAAGCATATCTGCCCGTTTAGAACCAACAAGCTTGGAGAA  
TACTATCTGCTTCTGCTGCCCGGTCTACGTGATCAATGTTACAGTCCCTGGACAGCACTCTACCTCA  
CGAAGCTTACTATTCCAGGGAAATCCAGCCCTTCAGTGCTCTTAAAAGGATTTTACCTCCCGCTGCG  
ATGGCAGCCGGATTCCATCTCCGTATCCAATCCTTCGTGCCCGATGATTCCGCTGTACAAATTCATGCCA  
AGCCACTCGGCTGCCACAAGCCTAGTCTGGCGTGTTTTTCATGACTCTTTTGTACGTATTTTTAAAT  
AA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_027468

**Insert Size:** 1332 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:**

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: [NM\\_027468.1](#), [NP\\_081744.1](#)

RefSeq Size: 5195 bp

RefSeq ORF: 1332 bp

Locus ID: 70574

UniProt ID: [Q80V42](#)

Cytogenetics: 10 D2

**Gene Summary:** Specifically removes C-terminal basic residues (Arg or Lys) from peptides and proteins. It is believed to play important roles in the control of peptide hormone and growth factor activity at the cell surface, and in the membrane-localized degradation of extracellular proteins (By similarity).[UniProtKB/Swiss-Prot Function]