

## Product datasheet for **RN209404**

### Cel (NM\_016997) Rat Untagged Clone

#### Product data:

|                    |                                    |
|--------------------|------------------------------------|
| Product Type:      | Expression Plasmids                |
| Product Name:      | Cel (NM_016997) Rat Untagged Clone |
| Tag:               | Tag Free                           |
| Symbol:            | Cel                                |
| Synonyms:          | Bal; Bssl                          |
| Vector:            | pCMV6-Entry (PS100001)             |
| E. coli Selection: | Kanamycin (25 ug/mL)               |
| Cell Selection:    | Neomycin                           |



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**Fully Sequenced ORF:** >RN209404 representing NM\_016997  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGGCGCCTGGAGTTCTGTTTCTTGGCCTCACCTGCTGCTTGGCAGCTGCTTGTGCTGCAAAGTTGG  
 GTGCTGTGTACACAGAAGGCGGTTTTGTGGAGGGCGTCAACAAGAACTCAGTCTTTGGGTGGTACTC  
 TGTTGACATCTTCAAGGGCATCCCTTTGCTACCGCCAAGACCCTGGAGAATCCTCAGCGTCACCCTGGC  
 TGGCAAGGGACTGAAGGCTACAGACTTCAAGAAACGATGTCTACAAGCCACCATCACCAGGATGATA  
 CCTATGGGCAAGAAGACTGCCTCTATCTCAACATCTGGGTCCCTCAGGGCAGGAAGCAAGTGTCTCATGA  
 CCTGCCTGTGATGGTCTGGATCTATGGAGGTGCCTTCTCATGGGGTCTGGCCAGGGAGCCAATTTTCTC  
 AAGAATTACCTGTATGATGGGAAGAGATCGCCACTAGAGGCAATGTCATTGTGGTCACCTTCAACTACC  
 GTGTCGGACCCTTGGGTTTCTTAGCACCGGAGATGCTAACCTTCCAGGTAACCTTGGACTTCGAGATCA  
 GCACATGGCTATTGCCTGGGTGAAGAGGAACATTGCAGCCTTTGGAGGAGACCCCGATAACATCACCATC  
 TTTGGGGAATCTGCTGGAGCTGCCAGTGTCTCTGCAGACCCTCTCCCATACAACAAGGGCCTCATCC  
 GGCGAGCCATCAGTCAGAGTGGTGTGGCACTGAGCCCCTGGGCCATCCAGGAGAATCCACTTTTCTGGGC  
 CAAAACGATCGCTAAGAAGGTGGGATGCCCCACAGAGGATACCGCCAAGATGGCTGGGTGTCTGAAGATC  
 ACAGATCCCCGAGCCTTGACACTGGCCTATAGGTTGCCCTTGAAGGCCAGGAGTACCCATTGTGCACT  
 ACCTGGCCTTCACTCCCTGTCGTCGATGGTGACTTCATTCTGTATGATCCCATCAACTGTACGACAACGC  
 TGCTGACATTGACTACTTAGCGGGTATTAATGACATGGATGGCCACCTGTTTGTACAGTTGACGTGCC  
 GCCATCGACAAGGCCAAGCAGGATGTCACAGAGGAGGACTTCTACAGGCTAGTCAGTGGACACACTGTG  
 CCAAGGGGCTTAAAGGCACCCAAGCCACCTTTGACATCTACACTGAGTCTGGGCCACAGGACCCGTC  
 GGAGAACATGAAGAAGACAGTGGTGGCCTTTGAGACTGACATACTTCTGATCCCCACAGAGATGGCT  
 CTGGCCACGACAGAGCCCATGCCAAGAGTGCCAAGACCTACTCTTACCTGTTTTCCACCCCTTACGAA  
 TGCCATCTACCCAAAATGGATGGGGGACAGACCAGCTGATGACCTCCAGTACGCTTTTGGGAAGCCCTT  
 TGCCACCCCACTGGGCTACCGGGCCAAGACAGGACTGTCTCCAAGGCCATGATTGCCTACTGGACCAAC  
 TTTGCCAAGAGTGGGACCCCAACATGGGCAACTACCCGTGCCACACACTGGTACCCTTATACCACGG  
 AGAATGGTAACTACCTGGACATCAATAAGAAAATAACCAGCACCTCCATGAAGGAGCACCTAAGGGAAAA  
 GTTCTCAAGTTCTGGGCTGTGACATTCGAGATGCTGCCACTGTGGTTGGTGACCACACTCCCCCTGAG  
 GATGACTCAGAGGCTGCCCCGTCACCTACAGACGACTCCAGGTTGTTCTGTCCCACCTACAGATG  
 ACTCTCAGACAACACCGGTGCCCAACAGACAACCTCAGGCTGGTACTCTGTGGAGGCTCAGATGCC  
 TGTCGCCATTGGCTTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_016997

**Insert Size:** 1839 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\\_016997.2](#), [NP\\_058693.2](#)

**RefSeq Size:** 2062 bp

**RefSeq ORF:** 1839 bp

**Locus ID:** 24254

**Cytogenetics:** 3p12

**Gene Summary:** member of the serine esterase gene family; may have a short half-life in vivo [RGD, Feb 2006]