

## Product datasheet for **RN201169**

### Chmp7 (NM\_001108872) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Chmp7 (NM_001108872) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chmp7
Synonyms:	RGD1308779
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN201169 representing NM\_001108872  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTGGTCCCGGAGCGGGAGGCCAGGCCCGACCGGGGAGACCCGGCGGCCTCCTGCCCGCGAGT  
 GGGAGGAGGATGAGGAGCGCATGTCTTTCTGTTCTCCGCTTTTAAGAGGAGTCGCGAGGTGAACAGCAC  
 CGACTGGGACAGCAAGATGGGCTTCTGGGCTCCGTTGGTCTGAGCCACAGCCGCGCCAAGGGTTGTG  
 CGCTTGGGACTGCGGGACTTGCAGGAGGCCTCCAGCGCAAAGGCAGTGTCCGTTGGGGCTGGCTACCG  
 TGCTGCAGGACCTGCTGCGTCGAGGTGAGCTGCAGCGAGAATCAGACTTCATGGCCAGTGTGGACAGCAG  
 CTGGATTTCTGGGGGTTGGAGTCTTTCTGCTGAAGCCCTCAAGTGGACTCTTTCTAACATGCTGGGG  
 GATAACAAAGTTCAGCGGAGGAGGTGCTGGTGGCTGTGGAGCTGCTTAAGGAAAAGGCTGAGGAGGTGT  
 ATCGCCTGTACCAAGTCAACCCCTCTCCTCCCACCTGTGGTGGCTCTGTCAGAACTGAGTCTGTG  
 CGCAACTCCTGCCAGATGAGAGAACCTTCTACCTCGTCTGCTGCAGCTACAGAAGGAGAAGAGAGTC  
 ACTGTCTTAGAGCAGAATGGAGAGAAGATTGTGAAGTTTGCCAGGGGACCACATGCCAAGGTGTCTCCTG  
 TCAACGACGTGGATGTTGGGGTCTACCAGCTGATGCAGAGTGAACAGCTCCTCTCTCAAAAGGTTGAGTC  
 GTTATCCCAAGAGTCTGAGAGGTGCAAAGAGGAAGCCCGCGGCATGCCGAGCAGGGAAGAAGCAGCTG  
 GCACTGAGGTCTCTCAAGGCCAAGCAGAGGACAGAGAAACGCATTGAGGCGTGCACGCCAAGCTGGACA  
 CTGTTCAAGGCATCCTGGATCGCATCTATGCCTCGCAGACAGACCAGATGGTTTTAATGCCTACCAAGC  
 TGGTGTGGGAGCCTTGAACCTCTCCATGAAGGATGTCACAGTGGAGAAGGCAGAGAGCCTTGTGGATCAG  
 ATCCAGGAGCTGTGTGACACGCAGGATGAAGTTCTCAGACTTAGCTGGTGGGGTAACCAATGGTTTAG  
 ATTTTGACAGTGAAGAACTGGAGAAGGAGTTGGACATCCTCCTCAGGACACCACCAAGAACCTTTGGA  
 CCTGCTCGAAAACCCCATGAGACGCTTTATACCAACAGTGTGCCTAAGCCTAGGATCTTGGATGCTGAA  
 CTTGAAGCTGAACCTTGAGAACTATCCTTATCAGAAGGAGGTTTGGTCCCAAGCAGTAAATCTCCAAAAA  
 GGCAATTGGAGCCAACCTCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001108872

**Insert Size:** 1353 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\\_001108872.1](#), [NP\\_001102342.1](#)  
RefSeq Size: 2774 bp  
RefSeq ORF: 1353 bp  
Locus ID: 364419  
Cytogenetics: 15p11