

Product datasheet for **RR201169**

Chmp7 (NM_001108872) Rat Tagged ORF Clone

Product data:

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



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ORF Nucleotide Sequence:

>RR201169 representing NM_001108872
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGGTCCCGGAGCGGGAGGCCAGGCCCGACCGGGGAGACCCGGCGGGCCTCCTGCCCGCGAGT
 GGGAGGAGGATGAGGAGCGCATGTCTTTCTGTTCTCCGCTTTTAAGAGGAGTCGCGAGGTGAACAGCAC
 CGACTGGGACAGCAAGATGGGCTTCTGGGCTCCGTTGGTCTGAGCCACAGCCGCGCCAAGGGTTGTG
 CGCTTGGGACTGCGGGACTTGCAGGAGGCTTCCAGCGCAAAGGCAGTGTCCGTTGGGGCTGGCTACCG
 TGCTGCAGGACCTGCTGCGTCGAGGTGAGCTGCAGCGAGAATCAGACTTCATGGCCAGTGTGGACAGCAG
 CTGGATTTCTGGGGGTTGGAGTCTTTCTGCTGAAGCCCTCAAGTGGACTCTTTCTAACATGCTGGGG
 GATAACAAAGTTCAGCGGAGGAGGTGCTGGTGGCTGTGGAGCTGCTTAAGGAAAAGGCTGAGGAGGTGT
 ATCGCCTGTACCAAGTCAACCCCTCTCCTCCCACCTGTGGTGGCTCTGTGAGAACTGAGTGTCTGTG
 CGCAACTCCTGCCAGATGAGAGAACCTTCTACCTCGTCTGCTGCAGCTACAGAAGGAGAAGAGAGTC
 ACTGTCTTAGAGCAGAATGGAGAGAAGATTGTGAAGTTTCCAGGGGACACATGCCAAGGTGTCTCCTG
 TCAACGACGTGGATGTTGGGGTCTACCAGCTGATGCAGAGTGAACAGCTCCTCTCTCAAAAGGTTGAGTC
 GTTATCCCAAGAGTCTGAGAGGTGCAAAGAGGAAGCCCGCGGCATGCCGAGCAGGGAAGAAGCAGCTG
 GCACTGAGGTCTCTCAAGGCCAAGCAGAGGACAGAGAAACGCATTGAGGCGTGCACGCCAAGCTGGACA
 CTGTTCAAGGCATCCTGGATCGCATCTATGCCTCGCAGACAGACCAGATGGTTTTTAATGCCTACCAAGC
 TGGTGTGGGAGCCTTGAACCTCTCCATGAAGGATGTCACAGTGGAGAAGGCAGAGAGCCTTGTGGATCAG
 ATCCAGGAGCTGTGTGACACGCAGGATGAAGTTTCTCAGACTCTAGCTGGTGGGGTAACCAATGGTTTAG
 ATTTTGCAGAGTGAAGAACTGGAGAAGGAGTTGGACATCCTCCTCAGGACACCACCAAGAACCTTTGGA
 CCTGCTCGAAAACCCCATGAGACGCTTTATACCAACAGTGTGCCTAAGCCTAGGATCTTGATGTGAA
 CTTGAAGCTGAACCTTGAGAACTATCCTTATCAGAAGGAGGTTTGGTCCCAAGCAGTAAATCTCCAAAA
 GGCAATTGGAGCCAATCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR201169 representing NM_001108872
 Red=Cloning site Green=Tags(s)

MWSPEREQAAPTGGDPAGLLPPEWEDEERMSFLFSAFKRSREVNSTDWDSKMGFWAPLVLSHSRRQGVV
 RLRLRDLQEAQFQRKGSVPLGLATVLDLLRRGELQRESDFMASVDSSWISWVGVFLLKPLKWTLSNMLG
 DNKVPAAEVLVAVELLKEKAEVYRLYQNSPLSSHPVVALSELSALCANS CPDERTFYLVLLQLQKEKRV
 TVLEQNGEKIVKFARGPHAKVSPVNDVDVGVYQLMQSEQLLSQKVESLSQESERCKEEARRACRAGKKQL
 ALRSLKAKQRTEKRIEALHAKLDTVQGILDRIYASQTDQMFVFNAYQAGVGALKLSMKDVTVEKAESLVDQ
 IQELCDTQDEVSQTLAGGVTNGLDFDSEEELEKELDILLQDTTKEPLDLLENPHETLYTNSVPKPRILDAE
 LEAELEKLSLSEGLVPSKSPKRQLEPTL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

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

MW: 50.5 kDa