

## Product datasheet for RR211798

### Commd1 (NM\_001115022) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Commd1 (NM\_001115022) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Commd1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RR211798 representing NM\_001115022  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGGCGAGCTGGAGAGCTGCAAGTCCCTGAGCGGGCTGCTGAGCGGCCTGGCACAGAACACTTTTC  
 ACGGACTCGGGTATCACTGAGGAGCTGCTGCACAGCCAACCTACCCGGAAGTGCCACTGGAGGAATT  
 CCGCCCCCTCTGGCGAAGATGAGGGGAATTCCTCAAGTCTATTGCATCTGCAGACATGGATTTCAACCAG  
 TTAGAGGCATTCTGACCGCTCAAACCAAGAAGCAAGCGGCATCACCAGTGAACAAGCTGCAGTCATCT  
 CCAAGTTTTGGAAGGCCATAAGACAAAAATCCGAGAGAGCCCTCATGAGCCAGAGCCGCTGGGACAACGG  
 GTTCCGGGGCTGCGCTGGAGAGTGGACGGCAAGTCCCAGTACCGCACTCAACTCAAATACACAGCCCT  
 GTTGCCATAATAGAGCTGGAATTTGGGAGAAGTGACGGGAATCTGAGTTTCTGTGTCTGGAGTTTGATG  
 AAGCTAAGGTCAAGCAGATCTTGAAGAAGCTGTGAGAGTGAAGAGAGTATCAGCGGGCTGATGCAGGC  
 AGCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR211798 representing NM\_001115022  
 Red=Cloning site Green=Tags(s)

MAGELESCKSLSGLLSGLAQNTFHGSHGITEELLHSQLYPEVPLEEFRPFLAKMRGILKSIASADMDFNQ  
 LEAFLTAQTKKQGGITSEQAAVISKFWKSHKTKIRESLMSQSRWDNGLRGLRWRVDGKSQSRHSTQIHSP  
 VAIIELEFGRSGRESEFLCLEFDEAKVKQILKKLSEVEESISGLMQAA

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI



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**Cloning Scheme:**


**ACCN:** NM\_001115022

**ORF Size:** 564 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001115022.1](#), [NP\\_001108494.1](#)

**RefSeq Size:** 904 bp

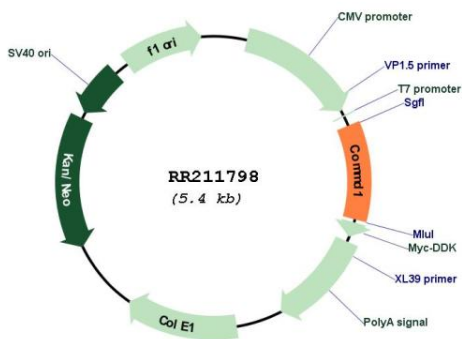
**RefSeq ORF:** 567 bp

**Locus ID:** 289831

**Cytogenetics:** 14q22

**MW:** 21 kDa

Product images:



Circular map for RR211798