

Product datasheet for MR201670

Commd8 (NM_178599) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Commd8 (NM_178599) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Commd8
Synonyms: C77770; D5Buc26e
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201670 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGCCGGAAGAGGGGACGCCGCTTTGGCGGTACAGAAGCTGCCTCCGGAGCAGGGCGCCGGGCTTC
 TTCACAAAATCATTGATGGCTTCTGTGGCCGAGCTTATCCTGCCACCAGGATTATCACAGTGTCTGGAA
 TTCAGCTGAGTGAAGCATGTTCTGAAGATGTTACCACGTTTTTCAAAGCGGTCGTTGGCAAAACTTC
 TCTGAGGAAGAGACTCCAGCAACTGAACCAACTGAATTCATGTCACCAAGAAGCTGTTTTGAAATGTT
 TAAAGAGTAGGAGAAATGAGATCAAGCAGGCCCTGTTGGGGAAATAGTTGATATTTCTGTGCGCAGCT
 GCAGGATTTGATTGGCAGTTAAAGCTCGCGCTTCTAGTGACAAGATTGCCACCTTGAGATGCCCTT
 TTGAACCTTCATCTGGATGTGAAGGAAGATGACAAAGTAAACCGTACACTGTTGAGATGAGTAAAGAGG
 AGTTACAGAGTCTGATCAGCTCCTTGGAGGCCGTAATAAGGTGGTCTGCAGTAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201670 protein sequence
 Red=Cloning site Green=Tags(s)

MEPEEGTPLWRLQKLPPEQGAGLLHKIIDGFCGRAYPAHQDYHSVWNSAEWKHVLEDVTTFFKAVVGKFN
 SEEETLQQLNQLNSCHQEAVLKCLKSRNEIKQALLGEIVDISCAQLQDFDWQLKALSSDKIATLQMP
 LNLHLDVKEDDKVKPYTVEMSKEELQSLISSLEAANKVVLQK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



Cloning Scheme:


ACCN: NM_178599

ORF Size: 552 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_178599.5](#)

RefSeq Size: 3464 bp

RefSeq ORF: 552 bp

Locus ID: 27784

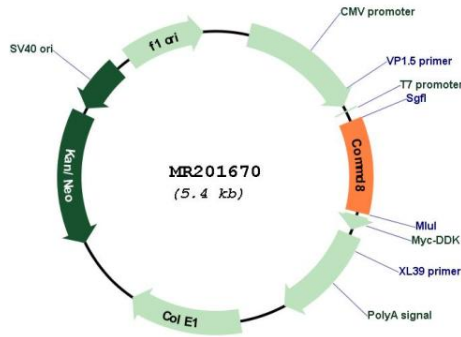
UniProt ID: [Q9CZG3](#)

Cytogenetics: 5 38.44 cM

MW: 20.9 kDa

Gene Summary: May modulate activity of cullin-RING E3 ubiquitin ligase (CRL) complexes. May down-regulate activation of NF-kappa-B.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201670