

Product datasheet for MR202034

Commd7 (NM_001195390) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Commd7 (NM_001195390) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Commd7
Synonyms: 2310010I22Rik; AW060956; mU3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR202034 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGCCCGCTGCACTGCACGCAGGACCCGGTGCCCGAGGCCGTGCGCGGAGACATGCAGCAGCTGAACC
 AGCTGGGCGCTCAGCAGTTCTCCGACCTGACAGAAGTGCTTTTCCATTTCCCTAACTGAGCCCAAAGAGGT
 GGAGCGATTTCTGGCTCAGCTCTCTGAATTTGCCACCAGCAATCAGATCAGTCTTGGCCCTCAAAGC
 ATCATGAAAAGCCTCCTACTGGTCCAATGGTGCCTGAAGAAAGCCCTCACTGCCGAGCAGGTGCGGA
 CTGATCTCCAGACGCTAGGTCTTAGCGAGGAGAAAGCCACTTACTTTTCTGAAAAGTGGAAGCAGAACGC
 CTCGACCTTGCACAGTGGGCCATGGGTGACACCTGATGGTTAACCGCTGATTGATATGGAGTGGAGG
 TTTGGAGTGACGTCTGGGAGCAGTGAATTAGAGAAAGTGGGAAGCATATTTTACAGTTAAAGTTGGTGG
 TTAAGAAAGGAAAACAACTGAAAATTTGTATATGGAACCTAACCTTGCCCGAGTTCTACAGCTTCTCGCA
 CGAGATGGAGAGAGTCCGAGCGAGCATGGAGTGCCTCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR202034 protein sequence
 Red=Cloning site Green=Tags(s)

MGRLHCTQDPVPEAVRGDMQQLNQLGAQQFSDLTEVLFHFLTPEKEVERFLAQLSEFATSNQISLGPLKS
 IMKSLLLVPNGALKKGLTAEQVRTDLQTLGLSEEKATYFSEKWKQNASTLAQWAMGQTLMVNQLIDMEWR
 FGVTSGSSELEKVGSIIFLQLKLVVKKGQTENLYMELTLPQFYSFLHEMERVRASMECLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001195390

ORF Size: 603 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 Size: 3288 bp

RefSeq ORF: 390 bp

Locus ID: 99311

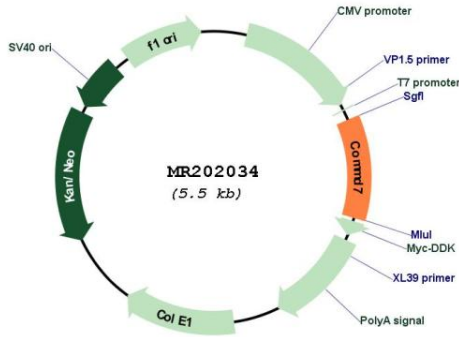
UniProt ID: [Q8BG94](#)

Cytogenetics: 2 H1

MW: 22.7 kDa

Gene Summary: May modulate activity of cullin-RING E3 ubiquitin ligase (CRL) complexes. Associates with the NF-kappa-B complex and suppresses its transcriptional activity.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR202034