

Product datasheet for MR202035

Commd7 (NM_133850) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Commd7 (NM_133850) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Commd7
Synonyms: 2310010I22Rik; AW060956; mU3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR202035 representing NM_133850
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGGCCGCTGCACTGCACGCAGGACCCGGTGCCGAGGCCGTGCGCGGAGACATGCAGCAGCTGAACC
 AGCTGGGCGCTCAGCAGTTCTCCGACCTGACAGAAGTGCTTTTCCATTTCTAACTGAGCCAAAGAGGT
 GGAGCGATTTCTGGCTCAGCTCTCTGAATTTGCCACCAGCAATCAGATCAGTCTTGGCCCTCAAAGC
 ATCATGAAAAGCCTCCTACTGGTTCCAAATGGTGCCTGAAGAAAGGCCTCACTGCCGAGCAGGTGCCGA
 CTGATCTCCAGACGCTAGGTCTTAGCGAGGAGAAAGCCACTTACTTTTCTGAAAAGTGGAAGCAGAACGC
 CTCGACCCTTGACAGTGGGCCATGGGTGAGACCTGATGGTTAACAGCTGATTGATATGGAGTGGAGG
 TTTGGAGTGACGTCTGGGAGCAGTGAATTAGAGAAAGTGGGAAGCATATTTTACAGTTAAAGTTGGTGG
 TTAAGAAAGGAAAACAACTGAAAATTTGTATATGGAACCTAACCTTGCCCGAGTTCTACAGCTTCTGCA
 CGAGATGGAGAGAGTCCGAGCGAGCATGGAGTGCCTCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR202035 representing NM_133850
 Red=Cloning site Green=Tags(s)

MGR LHCTQDPVPEAVRGDMQQLNQLGAQQFSDLTEVLFHFLTEPKEVERFLAQLSEFATSNQISLGPLKS
 IMKSLLLVPNGALKKGLTAEQVRTDLQTLGLSEEKATYFSEKWKQNASTLAQWAMGQTLMVNQLIDMEWR
 FGVTSGSSELEKVGSIPLQLKLVVKKGKQTENLYMELTLPQFYSLHEMERVRASMECLS

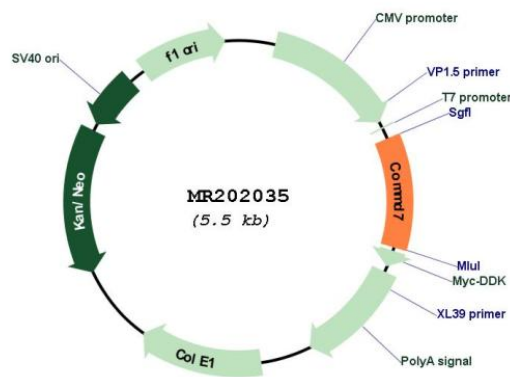
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: NM_133850

ORF Size: 600 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_133850.2](#), [NP_598611.2](#)

RefSeq Size: 3213 bp

RefSeq ORF: 603 bp

Locus ID: 99311

UniProt ID: [Q8BG94](#)

Cytogenetics: 2 H1

MW: 23.1 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]