

Product datasheet for **MC207581**

Commd5 (NM_025536) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Commd5 (NM_025536) Mouse Untagged Clone
Tag: Tag Free
Symbol: Commd5
Synonyms: 2310065H03Rik; AI854466; D15Ertd81e; Hcarg
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207581 representing NM_025536
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTGCGTTGGGGCTGCGGCTCCATACTTACACCATCCAAGTACAGTCACAGCGCCGGGTCAGTT
 TCCTGGGTTCCCAGCCCTCTGCAGAAGTGACGGCAGTGGCCAGCTCTTGAAGGACTTAGACAGGAGCAC
 CTTCAGAAAGTTGTTGAAACTCGTAGTCGGGGCCCTCCATGGGAAAGACTGCAGAGAGCCGTGCAGCAC
 CTTGGTGCCAGCGCCAACCTGTCAGAGGAGCGTCTGGCCGCTCTGCTGGCGGGCACACACACCCTGCTCC
 AGCAGGCTCTCCGGCTGCCCCCTGCCAGTCTGAAACCAGATGCCTTCCAGGACGAACTCCAGGAACTTGG
 CATTCCCCAAGATATGATTGGAGATCTGGCCAGTTTGGCATTGGGAGTCAACGCCCTCTTCTCGACTCT
 GTAGCCCAGCAGCAGGGATCCTCGCTGCCTCGTGTGTCGAATTTCCGGTGGCGGGTGGATGTGGCCATCT
 CAACCAAGTGTGAGTCCCGCTCCCTGCAACCGAGTGTTCATGCAGCTGAAGCTCACAGATGGATCGGC
 ACACCGCTTCGAGGTGCCATAGCCAAATTCAGGAGCTGCGCTACAGCGTGGCGTTGGTCTTAAGGAG
 ATGGCAGAGCTGGAGAGAAAGTGTGAGCGCAAAGTGCAGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_025536
Insert Size: 675 bp



[View online »](#)

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none">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_025536.2 , NP_079812.1
RefSeq Size:	998 bp
RefSeq ORF:	675 bp
Locus ID:	66398
UniProt ID:	Q8R395
Cytogenetics:	15 36.28 cM
Gene Summary:	May modulate activity of cullin-RING E3 ubiquitin ligase (CRL) complexes. Negatively regulates cell proliferation. Negatively regulates cell cycle G2/M phase transition probably by transactivating p21/CDKN1A through the p53/TP53-independent signaling pathway. Involved in kidney proximal tubule morphogenesis. Down-regulates activation of NF-kappa-B. [UniProtKB/Swiss-Prot Function]