

Product datasheet for **SC333934**

COMMD4 (NM_001284379) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: COMMD4 (NM_001284379) Human Untagged Clone
Tag: Tag Free
Symbol: COMMD4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC333934 representing NM_001284379.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAGGGGGCGCCAAGTGGCTCCGAAACTGGGGGAGGTTGTACTGGCCTCTCCGAAACACAGTGTGT
GCGGGCGTGAGGGCTGTGAGTCTGTCCTCTGTGAAGTTGCGGCTGCTCTGCAGCCAGGTAAAAGGAG
CTGCTGGGACAGGGGATTGATTATGAGAAGATCCTGAAGCTCACGGCTGACGCCAAGTTTGAGTCAGGC
GATGTGAAGGCCACAGTGGCAGTGTGAGTTTCATCCTCTCCAGTGGCCAAAGCACAGTGTCGATGGC
GAATCCTTGTCCAGTGAACTGCAGCAGCTGGGGCTGCCAAAGAGCACGGCCAGCCTGTGCCGCTGT
TATGAGGAGAAGCAAAGCCCTTGCAGAAGCACTTGCGGGTCTGCAGCCTACGCCAACTGAAGCAGGCC
CAGACCCTGATGAGCTCCCTGGGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI
ACCN: NM_001284379
Insert Size: 441 bp
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:

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_001284379.1](#)

RefSeq Size: 767 bp

RefSeq ORF: 441 bp

Locus ID: 54939

Cytogenetics: 15q24.2

MW: 15.6 kDa

Gene Summary: May modulate activity of cullin-RING E3 ubiquitin ligase (CRL) complexes (PubMed:21778237). Down-regulates activation of NF-kappa-B.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (4) differs in the 5' UTR, contains multiple differences in the coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (4) has a distinct N-terminus and is shorter than isoform 1.