

Product datasheet for **SC113915**

COMMD4 (NM_017828) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	COMMD4 (NM_017828) Human Untagged Clone
Tag:	Tag Free
Symbol:	COMMD4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113915 sequence for NM_017828 edited (data generated by NextGen Sequencing)

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ATGAGGTTCCGGTCTGTGGTGTCTGGACTGTCCCGACTGGGTCTGGCAGAAATCAGC
ACGCTGGCCAAGATGTCCCTCTGTGAAGTTGCGGCTGCTCTGCAGCCAGGTAATAAGGAG
CTGCTGGGACAGGGGATTGATTATGAGAAGATCCTGAAGCTCACGGCTGACGCCAAGTTT
GAGTCAGGCGATGTGAAGGCCACAGTGGCAGTGCTGAGTTTCATCCTCTCCAGTGGCGCC
AAGCACAGTGTGATGGCGAATCCTTGTCCAGTGAAGTGCAGCAGCTGGGGCTGCCAAA
GAGCACGGGCCAGCCTGTGCCGCTGTTATGAGGAGAAGCAAAGCCCCTGCAGAAGCAC
TTGCGGGTCTGCAGCCTACGCATGAATAGGTTGGCAGGTGTGGGTGGCGGGTGGACTAC
ACCCTGAGCTCCAGCCTGCTGCAATCCGTGGAAGAGCCCATGGTGCACCTGCGGCTGGAG
GTGGCAGCTGCCCCAGGGACCCAGCCAGCCTGTTGCCATGTCCCTCTCAGCAGACAAG
TTCCAGGTCCTCCTGGCAGAACTGAAGCAGGCCAGACCCTGATGAGCTCCCTGGGCTGA
```

Clone variation with respect to NM_017828.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017828 unedited
 CCGTGTTCAGGAATAGTTGTNAAACAGCACTCACTATAGNNGGCGGCCGCAATTCGGC
 ACGAGGCTCTGTGCCAATTCGGCACGAGGGCGATGAGGTTCCGGTCTGTGGTATCTG
 GACTGTCCCGACTGGGTCTGGCAGAAATCAGCACGCTGGCCAAGATGCCTCTGTGAAG
 TTGGCGTGTCTGCAGCCAGGTAATAAGGAGCTGCTGGGACAGGGGATTGATTATGAG
 AAGATCCTGAAGCTCACGGCTGACGCCAAGTTTGTAGTCAGGCGATGTGAAGGCCACAGTG
 GCAGTGTGAGTTTCATCCTCTCCAGTGGCGCAAGCACAGTGTGATGGCGAATCCTTG
 TCCAGTGAACCTGCAGCAGCTGGGGCTGCCCAAAGAGCACGCGGCCAGCCTGTGCCGCTGT
 TATGAGGAGAAGCAAAGCCCCTTGCAGAAGCACTTGCGGGTCTGCAGCCTACGCATGAAT
 AGGTTGGCAGGTGTGGGCTGGCGGTGGACTACACCCTGAGCTCCAGCCTGCTGCAATCC
 GTGGAAGAGCCCATGGTGCACCTGCGGCTGGAGGTGGCAGCTGCCCCAGGGACCCAGCC
 CAGCCTGTTGCCATGTCCCTCTCAGCAGACAAGTCCAGGTCCTCTGGCAGAACTGAAG
 CAGGCCAGACCCTGATGAGCTCCCTGNGCTGAGGAGAAGGGTGTCCAGGCCTGTGTGG
 AGCCCGCTGCCCGTATGGAGTCAGCCCTCTTACTGCTCTTCGGGAGGCAGCCCTGTT
 TCTAGGAGCTGAAGCCCTGGCCCAACTCTGGCCTCCCAGACCTCAACTGCCTCACTTTC
 TTTTTGAGACTTGCTCAGGGCTCTGAGGACCTTTCCCGCATAACCTTTCCTTTCCTT
 GGAAGGCAAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_017828 unedited
 GCATTCAGGTCGNNAAAGCACTGGGGAGGGGTACAGGGATGCCACCCGGGATCTGT
 TCAGGAAACAGCTATGACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTT
 CCTTTATACTTCTGTTTATTTTCTGCTTATGAAAACAGCCAACAATTGCCTTCAAGG
 GAAGGGAAGGTAATGCTGGGAAAGTCTCAGGAGCCCTGAGCCAAGTTCTCAAGAGAGA
 AGTGAGGCAGCTGGGATCTGGGAGGCCAGAGTCCGGGCCAGGGCCTCAGCATCCTAGAA
 CCAGGGCTGCCTCCCGAAGAGCAGTTTCAAGGGGCTGACTCCATACGGGCAGGGCGGCTC
 CACACAGGCTGGAACACCCTTCTCCTCAGCCAGGGAGCTCATCAGGGTCTGGGCTGC
 TTCAGTCTGCCAGGAGGACCTGGAACCTGTCTGCTGAGAGGGACATGGCAACAGGCTGG
 GCTGGGGTCCCTGGGGCAGCTGCCACCTCCAGCCGANGTGCACCATGGGCTCTTCCAGC
 GATTGCAGCAGGCTGGAGCTCAGGGTGTAGTCCACCCGCCAGCCACACCTGCCAACCTA
 TTTATGCGTAGGCTGCAGACCCGCAAGTCTTCTGCAGGGGGCTTTGCTTCTCCTCATAA
 CAGCGGCACAGGCTGGCCGCTGCTCTTTGGGCAGCCCCAGCTGCTGCAGTTCAGTGGAC
 AAGGGATTGCGATCGACTGTGCTTGGCCGCTGGAAAAGGATGAAACTCAGCACTGCC
 ACTGTTGCCCTTACATCGCTGATTAACCTTGGCGTCAGCCGTGAGCTCTCAGGATCTTC
 TCATAAATCAATCCCTGTCCCAGCACTNCCTTAGTACCTGGCCTGCAGAGCAGCCGCACT
 TTACAGAGGACTCTGNCCCACGTGCTGT

Restriction Sites:

NotI-NotI

ACCN:

NM_017828

Insert Size:

920 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_017828.2](#), [NP_060298.2](#)

RefSeq Size: 1948 bp

RefSeq ORF: 600 bp

Locus ID: 54939

UniProt ID: [Q9H0A8](#)

Cytogenetics: 15q24.2

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 (1) encodes isoform (1).