

Product datasheet for **SC114480**

COMMD10 (NM_016144) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	COMMD10 (NM_016144) Human Untagged Clone
Tag:	Tag Free
Symbol:	COMMD10
Synonyms:	PTD002
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114480 sequence for NM_016144 edited (data generated by NextGen Sequencing)

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ATGGCGGTCCCCGCGCGCTGATCCTACGGGAGAGCCCCAGCATGAAGAAAGCAGTGTC
CTGATAAATGCAATAGATACAGGAAGATTTCACGGTTGCTCACTCGGATTCTTCAAAA
CTTCACCTGAAGGCTGAGAGCAGTTTCAGTGAAGAAGAGGAAAGAAAACTCAAGCGCA
TTTTCTCTAGAGAAACAAGATCTTCACCTAGTTCTTGAAACAATATCATTATTTTAGAA
CAGGCAGTGATCACAATGTGAAGCCAGCAGCTTGCAGCAGCAATTAGAGAACATTCAT
CTTAGACAAGACAAGCTGAAGCATTTGTCAATACGTGGTCTTCTATGGGTCAAGAAACA
GTTGAAAAGTCCGGCAGAGAATTCTGGCTCCCTGTAAGCTAGAGACCGTTGGATGGCAG
CTTAACCTTCAGATGGCTCACTCTGCTCAAGCAAACTAAAATCTCCTCAAGCTGTGTTA
CAACTCGGAGTGAACAATGAAGATTCAAAGAGCCTGGAGAAAGTTCTTGTGGAATTCAGT
CACAAGGAGTTGTTTGAATTTCTATAACAAGCTAGAGACTATACAAGCACAGCTGGATTCC
CTTACATGA

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Clone variation with respect to NM_016144.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016144 unedited
 TTACCATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGNAGCTAACAGAC
 GGCGGCAGTGCAGAAACCGAAGAGGCGGTCCCGCGGCCTGATCCTACGGGAGAGCCC
 CAGCATGAAGAAAGCAGTGTCACTGATAAATGCAATAGATACAGGAAGATTTCCACGGTT
 GCTCACTCGGATTCTTCAAAAACCTCACCTGAAGGCTGAGAGCAGTTTCAGTGAAGAAGA
 GGAAGAAAAACTCAAGCGGCATTTTCTCTAGAGAAAACAAGATCTTACCTAGTTCTTGA
 AACATATCATTATTTTGAACAGGCAGTGTATCACAATGTGAAGCCAGCAGCTTTGCA
 GCAGCAATTAGAGAACATTTCATCTTAGACAAGACAAAGCTGAAGCATTTGTCAATACGTG
 GTCTTCTATGGTCAAGAAACAGTTGAAAAGTTCGGCAGAGAATTCTGGCTCCCTGTAA
 GCTAGAGACCGTTGGATGGCAGCTTAACCTTCAGATGGCTCACTCTGCTCAAGCAAACT
 AAAATCTCCTCAAGCTGTGTTACAACCTCGGAGTGAACAATGAAGATTCAAAGAGCCTGGA
 GAAAGTCTTGTGGAATTCAGTCAAGGAGTTGTTTGTATTTCTATAACAAGCTAGAGAC
 TATAACAAGCACAGCTGGATTCCCTTACATGATGTTTTTCGAAGACTGTTTTTTTCATCAC
 GCTCCTGCCACCTCATTATTTGCATTGAAGATACATTGCCAGGTTGTGTTTTCTGAAGG
 ATCAGTGACCTTGCTTCTGTAATATATGCCTATCACTTCTTAGACCAATACCACCCAT
 AGAGATCATTGTTAAGGAATACTGAGGTCTAATATACCTTCTTATTCTGGGAGCCCA
 CAGTAATTATTAAGAACC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016144 unedited
 GACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTCTTAAGAACAAAATTT
 TATTGACAGAAATCAACGTATTTATGGAAAGAGATATAAAGGTATCTGATTCGAATAATG
 GTGCCCATTTAGCACTCATTACAATTATTTTATTCAAGACCTGATTCTGTCTCCCAAAC
 ATAAAGTGAATCATTATTAATTTGCAGTATAAAGAAAAACACAAAAACCTGGACTATT
 ATTAATCATTAACTGAGAGAGAACTGAAGTTGACAGAGAAGCTCAAACCTGGAATTA
 CTGATACCATACTACTACTATTTTACATTTCTTCTATATTATTTCCGAAGCAAAATA
 TACTCATCATATTCAAATAAAAAATGCCATAGGGCATTGATGATATGGCTATTTTCTT
 AATTTTATTATGTAATTACCAAGCTCTGATTTCTACTAAGGTACACATCTTATCTTGT
 ATCCATGGACGCTCCTTGATACATTATGGTATCATCCAGCAAGTAAAACTAAGCAGGAC
 AGGCAAGAAAGCAACACTATGACAGTAAAAACAATATGGTATTCCTTTCTGTTTCTTTA
 AAGGAAAAGTGTCTTAATAATTACTGCTGGCTCACAGAACTAAAGAAAGTCTTTTACAA
 CCTCAGTATTCTTAACAATGATCCCCATTGGCTGCTATTTGCCCAACAAGTGATAACCCA
 TATAACTTACAGAAAGCAAGTCCCTGAATCCTTCAGAAAACCTACCTGGCAAGGTATCCT
 CAATGCAATAATGAAGCGGCAGAACCGTAATGAAAAAACTCTTCAAACCTTATGTAAG
 GGAACCACCCGCTTGCATAGCCCTCACTTGGTAAAAAAAACCCACCCCTGGGACTGA
 TCCACAAACTT

Restriction Sites:

NotI-NotI

ACCN:

NM_016144

Insert Size:

1500 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_016144.2](#), [NP_057228.1](#)

RefSeq Size: 1456 bp

RefSeq ORF: 609 bp

Locus ID: 51397

UniProt ID: [Q9Y6G5](#)

Cytogenetics: 5q23.1

Gene Summary: May modulate activity of cullin-RING E3 ubiquitin ligase (CRL) complexes (PubMed:21778237). May down-regulate activation of NF-kappa-B (PubMed:15799966).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longer isoform (a).