

## Product datasheet for **SC114449**

### COMMD2 (NM\_016094) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	COMMD2 (NM_016094) Human Untagged Clone
Tag:	Tag Free
Symbol:	COMMD2
Synonyms:	HSPC042
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114449 sequence for NM_016094 edited (data generated by NextGen Sequencing)

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ATGCTGCTGGAATTGTCCGAGGAGCATAAGGAACACCTGGCCTTCTGCCTCAAGTGGAC
AGCGCGGTGGTCGCCGAGTTTGGCGGATTGCTGTGGAATTCCTGAGACGCGCGCAAAC
CCAAAAATCTACGAAGGCGCCGAGAAAACCAATGTGAGTAGTGACTGTCCAGCAT
GGTGTGGAAGGATTAACGTATCTCCTCACTGAGAGCTCAAAGCTCATGATTTCTGAACTG
GATTTCCAAGACTCTGTTTTTGTCTGGGATTCTCTGAAGAATTAACAAATTGTTGCTT
CAGCTTTATCTGGACAACAGAAAAGAGATCAGAACGCTTCTGAGTGAATTGGACCAAGC
CTTCCCAGTTATCATAACCTTGAATGGCGACTAGATGTACAGCTTGCAAGTAGAAGTCTC
AGGCAACAGATTAACCAGCAGTACTATAAAGCTACACCTTAATCAAAATGGAGATCAC
AACACCAAGTTCTGCAGACAGACCCAGCCACCCTGCTCCATTTGGTTCAACAACTGGAA
CAAGCATTGGAAGAGATGAAGACAAACCACTGTAGGAGAGTTGTTGCAACATCAAGTAG
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Clone variation with respect to NM\_016094.3  
337 a=>c;567 t=>c



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_016094 unedited NGGTTACATTTGTATACGACTCCTATAGGCGGCCCGCAATTCGCACGAGGCCTCGTGCC GAATTCGGCACGAGGGGACAGTGAAGATGCTGCTGGAATTGTCCGAGGAGCATAAGGAAC ACCTGGCCTTCTGCCTCAAGTGGACAGCGGGTGGTCCGCCGAGTTTGGGCGGATTGCTG TGAATTCCTGAGACGCGGGCGAAACCCAAAAATCTACGAAGGCGCCGCCAGAAAACCTCA ATGTGAGTAGTGACACTGTCCAGCATGGTGTGGAAGGATTAACGTATCTCCTCACTGAGA GCTCAAAGCTCATGATTTCTGAACTGGATTTCCAAGACTCTGTTTTTGTCTGGGATTCT CTGAAGAATTAACAAATTGTTGCTTCAGCTTTATCTGGACAACAGAAAAGAGATCAGAA CGTTCTGAGTGAATTGGCACCAAGCCTTCCCAGTTATCATAACCTTGAATGGCGACTAG ATGTACAGCTTGAAGTAGAAGTCTCAGGCAACAGATTAACCAGCAGTACTATAAAGC TACACCTTAATCAAAATGGAGATCACAAACCAAAGTTCTGCAGACAGACCCAGCCACCC TGCTCCATTTGGTTCAACAACCTGGAACAAGCATTGGAAGAGATGAAGACAAACCACTGTA GGAGAGTTGTTCCGAACATCAAGTAGTACCAGTNTAAGGTTTTAATTCATTTGAATCAC TTATGAATTGATGATATACAGNCATTACTTTTCAAATTAATTTTTTATTAATTCATGATG ANTAATACATAGTATTCCTCAGTATCTATTCCAAGATACTGAGTCATAATCAGAAGCTAA GCTGGGTGCAGTGGCTCATGCCAGTTATNCCAGCACTTTGGNAGCCCGAGTGGGCAATC ATGAAGTA
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_016094
<b>Insert Size:</b>	4500 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_016094.2</a> , <a href="#">NP_057178.2</a>
<b>RefSeq Size:</b>	1441 bp
<b>RefSeq ORF:</b>	600 bp
<b>Locus ID:</b>	51122
<b>UniProt ID:</b>	<a href="#">Q86X83</a>
<b>Cytogenetics:</b>	3q25.1

**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 supported protein.