

Product datasheet for **SC334598**

COMMD5 (NM_001287237) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	COMMD5 (NM_001287237) Human Untagged Clone
Tag:	Tag Free
Symbol:	COMMD5
Synonyms:	HCARG; HT002
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001287237, the custom clone sequence may differ by one or more nucleotides

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ATGTCTGCTGTGGGGCTGCAACTCCATACCTGCATCATCTGGTGATAGTCACAGTGGCCGAGTGAGTT
TCTTGGGGGCCAGCTTCTCCAGAGGTGGCAGCAATGGCCGGCTACTAGGGGACCTAGACAGGAGCAC
GTTCAGAAAGTTGCTGAAGTTTGTGGTCAGCAGCCTGCAGGGGAGGACTGCCGAGAGGCTGTGCAGCGT
CTTGGGGTCAGCGCCAACCTGCCGGAGGAGCAGCTGGGTGCCCTGCTGGCAGGCATGCACACACTGTCC
AGCAGGCCCTCCGTCTGCCCCCACCAGCCTGAAGCCTGACACCTTCAGGGACCAGCTCCAGGAGCTCTG
CATCCCCAAGACCTGGTCGGGGACTTGCCAGCGTGGTATTTGGGAGCCAGCGGCCCTCTTGATTCT
GTGGCCAGCAGCAGGGGGCCTGGCTGCCGCATGTTGCTGACTTTCGGTGCGGGTGGATGTAGCAATCT
CCACCAGTGCCCTGGCTCGCTCCCTGCAGCCGAGCGTCTGATGCAGCTGAAGCTTTCAGATGGGTCTCAG
ATACCGCTTTGAGGTCCCACAGCCAAGTTCAGGAGCTGCGGTACAGCGTGGCCCTGGTCTAAAGGAG
ATGGCAGATCTGGAGAAGAGGTGTGAGCGCAGACTGCAGGACTGA
```

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001287237
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).



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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_001287237.1](#), [NP_001274166.1](#)

RefSeq Size: 1588 bp

RefSeq ORF: 675 bp

Locus ID: 28991

UniProt ID: [Q9GZQ3](#)

Cytogenetics: 8q24.3

Protein Families: Druggable Genome

Gene Summary: May modulate activity of cullin-RING E3 ubiquitin ligase (CRL) complexes (PubMed:21778237). 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 (By similarity). Down-regulates activation of NF-kappa-B (PubMed:15799966).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (4) represents the longest transcript. Variants 1 through 4 encode the same protein.