

## Product datasheet for **SC316482**

### COMMD7 (NM\_001099339) Human Untagged Clone

#### Product data:

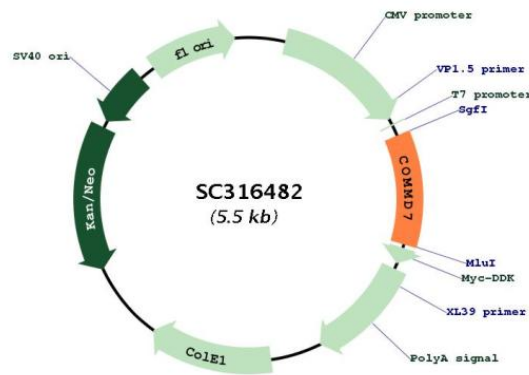
Product Type:	Expression Plasmids
Product Name:	COMMD7 (NM_001099339) Human Untagged Clone
Tag:	Tag Free
Symbol:	COMMD7
Synonyms:	C20orf92; dj1085F17.3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316482 representing NM_001099339. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGCCCGCTGCACTGCACTGAGGACCCGGTGCCGGAGGCCGTGGGCGGCGACATGCAGCAGCTGAAC
CAGCTGGGCGCGCAGTTCTCAGCCCTGACAGAGGTGCTTTCCACTTCCTAACTGAGCCAAAAGAGGTG
GAAAGATTTCTGGCTCAGCTCTCTGAATTTGCCACCACCAATCAGATCAGTCTTGCTCCCTCAGAAGC
ATCGTGAAAAGCCTCCTTCTGGTTCCAAATGGTGTCTTGAAGAAGAGTCTCACAGCCAAGCAGGTCCAG
GCGGATTTTCATACTCTGGTCTTAGTGAGGAGAAAGCCACTTACTTTTCTGAAAAGTGGAAAGCAGAAT
GCTCCCACCCTTGCTCGATGGGCCATAGGTCAGACTCTGATGATTAACCAGCTCATAGATATGGAGTGG
AAATTTGGAGTGACATCTGGGAGCAGCGAATTGGAGAAAAGTGGGAAGTATATTTTACAACATAAAGTTG
GTGGTTAAGAAAGGAAATCAAACCGAAAATGTGTATATAGAATTAACCTTGCCTCAGTTCTACAGCTTC
CTGCACGAGATGGAGCGAGTCAGAACCAGCATGGAGTGTCTGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



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**Plasmid Map:**


**ACCN:** NM\_001099339

**Insert Size:** 600 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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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:	<u>NM_001099339.1</u>
RefSeq Size:	1925 bp
RefSeq ORF:	600 bp
Locus ID:	149951
UniProt ID:	<u>Q86VX2</u>
Cytogenetics:	20q11.21
MW:	22.4 kDa
Gene Summary:	<p>May modulate activity of cullin-RING E3 ubiquitin ligase (CRL) complexes (PubMed:21778237). Associates with the NF-kappa-B complex and suppresses its transcriptional activity (PubMed:15799966).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1, resulting in a shorter protein (isoform 2).</p>