

Product datasheet for SC333315

COMMD6 (NM_001287392) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	COMMD6 (NM_001287392) Human Untagged Clone
Tag:	Tag Free
Symbol:	COMMD6
Synonyms:	Acrg
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333315 representing NM_001287392. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGGCTGTGAGCTCAGACACTTGCGAGTCTCTTAAGTATCCTTACGTTGCAGTGATGCTAAAAGTGGCA
 GATCATTCAGGCCAAGTAAAGACCAAGTCTTTGAAATGACGATTCCACAGTTTCAGAATTTCTACAGA
 CAGTTCAAGGAAATTGCTGCAGTTATTGAAACGGTGTGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001287392
Insert Size:	177 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).


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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_001287392.1

RefSeq Size: 1875 bp

RefSeq ORF: 177 bp

Locus ID: 170622

Cytogenetics: 13q22.2

MW: 6.6 kDa

Gene Summary: COMMD6 belongs to a family of NF-kappa-B (see RELA; MIM 164014)-inhibiting proteins characterized by the presence of a COMM domain (see COMMD1; MIM 607238) (de Bie et al., 2006 [PubMed 16573520]).[supplied by OMIM, Mar 2009]
 Transcript Variant: This variant (3) is alternatively spliced in the 5' region (which results in translation initiation from an in-frame downstream start codon) and lacks an in-frame coding exon in the 3' region compared to variant 1. The resulting isoform (c) has a shorter N-terminus and lacks a 13 aa protein segment compared to isoform 1. Variants 3-5 encode the same isoform.