

Product datasheet for **RC235423**

COMMD6 (NM_001287394) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: COMMD6 (NM_001287394) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: COMMD6
Synonyms: Acrg
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC235423 representing NM_001287394
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGTGAGCTCAGACACTTGCAGATCTCTTAAGTATCCTTACGTTGCAGTGATGCTAAAAGTGGCAG
ATCATTCAAGCAAGTAAAGACCAAGTGTCTTGAATGACGATCCACAGTTTCAGAATTTCTACAGACA
GTTCAAGGAAATTGCTGCAGTTATTGAAACGGTG

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC235423 representing NM_001287394
Red=Cloning site Green=Tags(s)
MAVSSDTCRSLKYPYVAVMLKVADHSGQVKTCKFEMTIPQFQNFYRQFKEIAAVIETV
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_001287394

ORF Size: 174 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

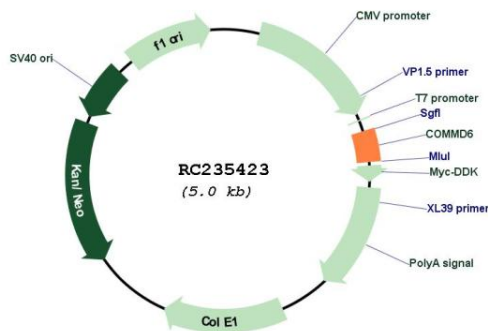
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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_001287394.1](#), [NP_001274323.1](#)

RefSeq Size: 1691 bp

RefSeq ORF:	177 bp
Locus ID:	170622
Cytogenetics:	13q22.2
MW:	7.1 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]

Product images:



Circular map for RC235423