

# COMMD2 cDNA

Catalog Number: ATGD0420

## PRODUCT INFORMATION

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**Catalog number**

ATGD0420

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_057178.2

**Alternative Names**

HSPC042

**mRNA Refseq**

NM\_016094.3

**OMIM**

**Chromosome location**

3q25.1

## PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

600bp

**Preparation before usage**

1. Centrifuge at 7000rpm for 1 minute.
2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.

**Vector description**

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

**Cloning Vector**

pATGen (puc19-derived cloning vector)

**General Description**

COMMD2 (COMM Domain Containing 2) may modulate activity of cullin-RING E3 ubiquitin ligase (CRL) complexes

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and down-regulate activation of NF-kappa-B.

### DATA

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#### Sequence nucleotides

ATGCTGCTGGAATTGTCCGAGGAGCATAAGGAACACCTGGCCTTCCTGCCTCAAGTGGACAGCGCGGTGGTCGCCGAGTTT  
GGGCGGATTGCTGTGGAATTCCTGAGACGCGGCGCAAACCCAAAAATCTACGAAGGCGCCGCCAGAAAACCTCAATGTGAG  
TAGTGACACTGTCCAGCATGGTGTGGAAGGATTAACGTATCTCCTCACTGAGAGCTCAAAGCTCATGATTTCTGAACTGGAT  
TTCCAAGACTCTGTTTTTGTCTGGGATTCTCTGAAGAATTAACAAATTGTTGCTTCAGCTTTATCTGGACAACAGAAAAGA  
GATCAGAACGATTCTGAGTGAATTGGCACCAAGCCTTCCCAGTTATCATAACCTTGAATGGCGACTAGATGTACAGCTTGCA  
AGTAGAAGTCTCAGGCAACAGATTAACCAGCAGTGACTATAAAGCTACACCTTAATCAAATGGAGATCACAACACCAAAG  
TTCTGCAGACAGACCCAGCCACCCTGCTCCATTTGGTTCAACAACCTGGAACAAGCATTGGAAGAGATGAAGACAAATCACTG  
TAGGAGAGTTGTTGCAACATCAAGTAG

#### Transaction Sequence

MLLELSEEHK EHLAFLPQVD SAVVAEFGRI AVEFLRRGAN PKIYEGAARK LNVSSDTVQH GVEGLTYLLT ESSKLMISEL  
DFQDSVFLG FSEELNLLL QLYLDRKEI RTILSELAPS LPSYHNLEWR LDVQLASRSL RQIQPAVTI KLHLNQNGDH  
NTKVLQTDPA TLLHLVQQL E QALEEMKTNH CRRVVRNIK