

COMMD2 cDNA

Catalog Number: ATGD0420

PRODUCT INFORMATION

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

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

Sequence nucleotides

```
ATGCTGCTGGAATTGTCCGAGGAGCATAAGGAACACCTGGCCTTCCTGCCTCAAGTGGACAGCGCGGTGGTCGCCGAGTTT
GGGCGGATTGCTGTGGAATTCCTGAGACGCGGCGCAAACCCAAAAATCTACGAAGGCGCCGCCAGAAAACCTCAATGTGAG
TAGTGACACTGTCCAGCATGGTGTGGAAGGATTAACGTATCTCCTCACTGAGAGCTCAAAGCTCATGATTTCTGAACTGGAT
TTCCAAGACTCTGTTTTTGTCTGGGATTCTCTGAAGAATTAACAAATTGTTGCTTCAGCTTTATCTGGACAACAGAAAAGA
GATCAGAACGATTCTGAGTGAATTGGCACCAAGCCTTCCCAGTTATCATAACCTTGAATGGCGACTAGATGTACAGCTTGCA
AGTAGAAGTCTCAGGCAACAGATTAACCAGCAGTGACTATAAAGCTACACCTTAATCAAATGGAGATCACAACACCAAAG
TTCTGCAGACAGACCCAGCCACCCTGCTCCATTTGGTTCAACAACCTGGAACAAGCATTGGAAGAGATGAAGACAAATCACTG
TAGGAGAGTTGTTGCAACATCAAGTAG
```

Transaction Sequence

```
MLELSEEHK EHLAFLPQVD SAVVAEFGRI AVEFLRRGAN PKIYEGAARK LNVSSDTVQH GVEGLTYLLT ESSKLMISEL
DFQDSVFLG FSEELNLLL QLYLDRKEI RTILSELAPS LPSYHNLEWR LDVQLASRSL RQQIKPAVTI KLHLNQNGDH
NTKVLQTDPA TLLHLVQQL QALEEMKTNH CRRVVRNIK
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