

COMMD7 cDNA

Catalog Number: ATGD0464

PRODUCT INFORMATION

Catalog number

ATGD0464

Product type

cDNA

Species

Human

NCBI Accession No.

NP_444269.2

Alternative Names

C20orf92, dj1085F17.3

mRNA Refseq

NM_053041.2

OMIM**Chromosome location**

20q11.21

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

603bp

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 inserted 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

COMMD7 (COMM Domain Containing 7) contains 1 COMM domain. It interacts (via COMM domain) with COMMD1

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via its COMM domain and also associates with the NF-kappa-B complex and suppresses its transcriptional activity. COMMD7 is widely expressed with highest expression in lung

DATA

Sequence nucleotides

```
ATGGGCCCGCCTGCACTGCACTGAGGACCCGGTGCCGGAGGCCGTGGGCGGCGACATGCAGCAGCTGAACCAGCTGGGCG
CGCAGCAGTTCTCAGCCCTGACAGAGGTGCTTTTCCAATTCCTAACTGAGCCAAAAGAGGTGGAAAGATTTCTGGCTCAGCT
CTCTGAATTTGCCACCACCAATCAGATCAGTCTTGGCTCCCTCAGAAGCATCGTGAAAAGCCTCCTTCTGGTTCCAAATGGT
GCTTTGAAGAAGAGTCTCACAGCCAAGCAGGTCCAGGCGGATTCATAACTCTGGGTCTTAGTGAGGAGAAAGCCACTTAC
TTTTCTGAAAAGTGGAAAGCAGAATGCTCCACCCCTTGCTCGATGGGCCATAGGTCAGACTCTGATGATTAACCAGCTCATAG
ATATGGAGTGGAAATTTGGAGTGACATCTGGGAGCAGCGAATTGGAGAAAAGTGGGAAGTATATTTTTACAATAAAGTTGG
TGGTTAAGAAAGGAAATCAAACCGAAAATGTGTATATAGAATTAACCTTGCCTCAGTTCTACAGCTTCCTGCACGAGATGGA
GCGAGTCAGAACCAGCATGGAGTGTTTCTGCTGA
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Transaction Sequence

```
MGR LHCTEDP VPEAVGGDMQ QLNQLGAQQF SALTEVLHFH LPEPKEVERF LAQLSEFATTNQISLGSLRS IVKSLLLVPN
GALKKSLTAK QVQADFITLG LSEKATYFS EKWKQNAPTLARWAIGQTLM INQLIDMEWK FGVTSGSSEL EKVGSIFLQL
KLVVKKGNQT ENVYIELTLPQFYSLHEME RVRTSMECF
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