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# **Recombinant human COMMD7 protein**

Catalog Number: ATGP2123

# **PRODUCT INFORMATION**

### **Expression system**

E.coli

#### **Domain**

1-200aa

#### UniProt No.

086VX2

#### **NCBI Accession No.**

NP 444269

#### **Alternative Names**

COMM domain-containing protein 7, C20orf92, dl1085F17.3

## PRODUCT SPECIFICATION

### **Molecular Weight**

24.9 kDa (223aa) confirmed by MALDI-TOF

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

#### **Purity**

> 90% by SDS-PAGE

#### Tag

His-Tag

## **Application**

SDS-PAGE

# **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

#### **BACKGROUND**

#### **Description**

COMMD7 is a 200 amino acid protein that contains 1 COMM domain. This protein interacts (via COMM domain) with COMMD1 via its COMM domain. It also associates with the NF-kappa-B complex and suppresses its transcriptional activity. COMMD7 is widely expressed with highest expression in lung. Recombinant human COMMD7 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.



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# **Amino acid Sequence**

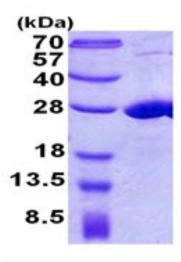
MGSSHHHHHH SSGLVPRGSH MGSMGRLHCT EDPVPEAVGG DMQQLNQLGA QQFSALTEVL FHFLTEPKEV ERFLAQLSEF ATTNQISLGS LRSIVKSLLL VPNGALKKSL TAKQVQADFI TLGLSEEKAT YFSEKWKQNA PTLARWAIGQ TLMINQLIDM EWKFGVTSGS SELEKVGSIF LQLKLVVKKG NQTENVYIEL TLPQFYSFLH EMERVRTSME CFC

#### **General References**

Burstein, E., et al. (2005) J. Biol. Chem. 280 (23), 22222-22232

# **DATA**

#### **SDS-PAGE**



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

