

# Recombinant human COMMD9 protein

Catalog Number: ATGP1748

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-198aa

### UniProt No.

Q9P000

### NCBI Accession No.

NP\_054905

### Alternative Names

COMM domain-containing protein 9, HSPC166

## PRODUCT SPECIFICATION

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### Molecular Weight

24.2 kDa (221aa) 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

> 95% 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

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### Description

COMM domain-containing protein 9, also known as COMMD9, belongs to the COMMD family. The COMMD family represents a group of evolutionary conserved proteins that share a common COMM domain at their extreme C-terminus, which provides an interface for protein-protein interactions. COMMD9 is a 198 amino acid ubiquitously expressed protein that contains one COMM domain and may be involved in signaling events throughout the cell. Recombinant human COMMD9 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 SGLVPRGSH MGSMAALTAE HFAALQSLK ASSKDVRQL CQESFSSAL GLKKLLDVTC SLSVTQEEA  
EELLQALHRL TRLVAFRDLS SAEAILALFP ENFHQNLKLN LTKIILEHVS TWRTEAQANQ ISLPRLVDLD WRVDIKTSSD  
SIRMAVPTC LLQMKIQEDP SLCGDKPSS AVTVELSKET LDTMLDGLGR IRDQLSAVAS K

### General References

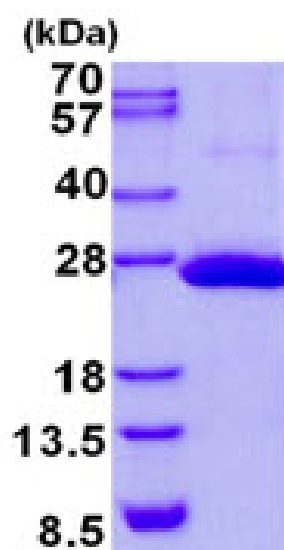
Burstein E., et al. (2005) J Biol Chem. 280:22222-22232

Maine G N., et al. (2007) Life Sci. 64: 1997-2005.

## DATA

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### SDS-PAGE



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

15% SDS-PAGE (3ug)