

# Recombinant human CCDC43 protein

Catalog Number: ATGP2008

## PRODUCT INFORMATION

---

### Expression system

E.coli

### Domain

1-224aa

### UniProt No.

Q96MW1

### NCBI Accession No.

NP\_653210

### Alternative Names

Coiled-coil domain-containing protein 43 isoform 1, Coiled-coil domain containing 43

## PRODUCT SPECIFICATION

---

### Molecular Weight

27 kDa ( 247aa) confirmed by MALDI-TOF

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

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

### Purity

> 85% 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

CCDC43 is a human protein whose function is not presently understood. Coding sequence diversity are 2 isoforms produced by alternative splicing. Isoform 1 has been chosen as the 'canonical' sequence. All positional information in this entry refers to it. This is also the sequence that appears in the downloadable versions of the entry. Recombinant human CCDC43 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

## Recombinant human CCDC43 protein

Catalog Number: ATGP2008

### Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSMAAPSEV AAIAPGEGDG GGGGFGSWLD GRLEALGVDR AVYGAYILGI LQEEEEEEKL  
DALQGILSAF LEEDSLLNIC KEIVERWSET QNVVTKVKKE DEVQAIATLI EKQAQIVVKP RMVSEEEKQR KAALLAQYAD  
VTDEEDEADE KDDSGATTMN IGSDKLLFRN TNVEDVLNAR KLERDSLRLDE SQRKKEQDKL QRERDKLAKQ ERKEKEKKRT  
QRGERKR

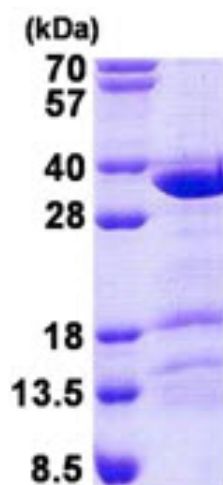
### General References

Lupas AN, et al. (2005). *Adv Protein Chem.* 70:37-78.

Gruber M, et al. (2003). *Trends Biochem Sci.* 28(12):679-85.

## DATA

### SDS-PAGE



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

15% SDS-PAGE (3ug)