

# Recombinant human MED27 protein

Catalog Number: ATGP2650

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-311aa

### UniProt No.

Q6P2C8

### NCBI Accession No.

NP\_004260.2

### Alternative Names

Mediator complex subunit 27, CRAP34, CRSP34, CRSP8, TRAP37

## PRODUCT SPECIFICATION

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### Molecular Weight

37.8 kDa (334aa)

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

### Purity

> 80% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### 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

MED27 is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e. g. thyroid hormone receptor- (TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. Recombinant human MED27 protein, fused to His-tag at N-terminus, was expressed in E. coli.

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## Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MADVINV SVNLEAFSQA ISAIQALRSS VSRVFDCLKD GMRNKETLEG  
REKAFIAHFQ DNLHSVNRDL NELERLSNLV GKPSENHPLH NSGLLSLDPV QDKTPLYSQL LQAYKWSNKL QYHAGLASGL  
LNQQSLKRSA NQMGVSAKRR PKAQPTTLVL PPQYVDDVIS RIDRMFPEMS IHLSRPNQTS AMLLVTLGKV LKVIVVMRSL  
FIDRTIVKGY NENVYTEDGK LDIWSKSNYQ VFQKVTDHAT TALLHYQLPQ MPDVVVRSFM TWLRSYIKLF QAPCQRCGKF  
LQDGLPPTWR DFRTLEAFHD TCRQ

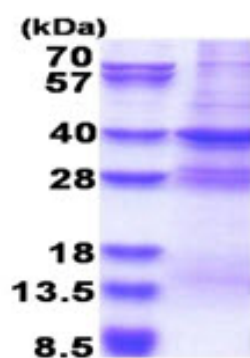
## General References

Malik S., et al. (2000) Mol. Cell. 5:753-760

Ryu S., et al. (1999) Nature. 397:446-450

## DATA

### SDS-PAGE



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

15% SDS-PAGE (3ug)