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Recombinant human MED27 protein

Catalog Number: ATGP2650

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-311aa

UniProt No.

O6P2C8

NCBI Accession No.

NP 004260.2

Alternative Names

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

PRODUCT SPECIFICATION

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

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 Histag at N-terminus, was expressed in E. coli.



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Amino acid Sequence

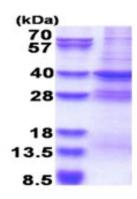
<MGSSHHHHHH SSGLVPRGSH MGS>MADVINV SVNLEAFSQA ISAIQALRSS VSRVFDCLKD GMRNKETLEG REKAFIAHFQ DNLHSVNRDL NELERLSNLV GKPSENHPLH NSGLLSLDPV QDKTPLYSQL LQAYKWSNKL QYHAGLASGL LNQQSLKRSA NQMGVSAKRR PKAQPTTLVL PPQYVDDVIS RIDRMFPEMS IHLSRPNGTS AMLLVTLGKV LKVIVVMRSL FIDRTIVKGY NENVYTEDGK LDIWSKSNYQ VFQKVTDHAT TALLHYQLPQ 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



15% SDS-PAGE (3ug)

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

