

**MED27, 1-311aa, Human, His tag, E.coli**

**Cat.NO.: TP02941**

3th Edition

**Synonyms:**Mediator complex subunit 27, CRAP34, CRSP34, CRSP8, TRAP37

**Description:**MED27 is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIIID, 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.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**Molecular Weight:**37.8 kDa (334aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMADVINVSVNLEAFSQAISAIQALRSSVSRVFDCLKDGMRNKETLEGREKAFI  
AHFQDNLHSVNRDLNELERLSNLVGKPSENHPLHNSGLLSLDPVQDKTPLYSQLQAYKWSNKLQYHAGLASGLL  
NQQSLKRSANQMGVSAKRRPKAQPTTLVLPQYVDDVISRIDRMFPMSIHLSPNGTSAMLLVTLGKVLKVIIVM  
RSLFIDRTIVKGYNENVYTEDGKLDIWSKSNYQVFQKVDHATTALLHYQLPQMPDVVRSFMTWLRSYIKLQAPC  
QRCGKFLQDGLPPTWRDFRTLEAFHDTCRQ

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.