

**MED21, 1-144aa, Human, His tag, E.coli**

**Cat.NO.: TP02940**

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3th Edition

**Synonyms:**Mediator of RNA polymerase II transcription subunit 21, SRB7, SURB7

**Description:**MED21 is a member of the mediator complex subunit 21 family. The protein interacts with the human RNA polymerase II holoenzyme and is involved in transcriptional regulation of RNA polymerase II transcribed genes. A pseudogene of this gene is located on chromosome 8. Alternative splicing results in multiple transcript variants. Recombinant human MED21 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

**Molecular Weight:**18.0 kDa (167aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMADRLTQLQDAVNSLADQFCNAIGVLQCCGPPASFNNIQTAINKDQPANPT  
EEYAQLFAALIARTAKDIDVLIDSLPSEESTAALQAASLYKLEENHEAATCLEDEVVYRGDMLEKIQSALADIAQS  
KTRSGTHSQSLPDS

**Purity:**> 95% by HPLC

**Concentration:**0.5mg/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.