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# Recombinant human MED21 protein

Catalog Number: ATGP2118

# **PRODUCT INFORMATION**

# **Expression system**

E.coli

#### **Domain**

1-144aa

#### **UniProt No.**

013503

#### **NCBI Accession No.**

NP 004255

#### **Alternative Names**

Mediator of RNA polymerase II transcription subunit 21, SRB7, SuRB7

# PRODUCT SPECIFICATION

### **Molecular Weight**

18 kDa (167aa) confirmed by MALDI-TOF

#### Concentration

0.5mg/ml (determined by Bradford assay)

#### **Formulation**

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

#### **Purity**

> 90% 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**

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.



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# **Amino acid Sequence**

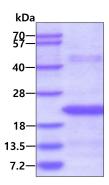
<MGSSHHHHHH SSGLVPRGSH MGS>MADRLTQ LQDAVNSLAD QFCNAIGVLQ QCGPPASFNN IQTAINKDQP ANPTEEYAQL FAALIARTAK DIDVLIDSLP SEESTAALQA ASLYKLEEEN HEAATCLEDV VYRGDMLLEK IQSALADIAQ SQLKTRSGTH SQSLPDS

# **General References**

Baumli, S., et al. (2005) J. Biol. Chem. 280 (18), 18171-18178 Maldonado, E., et al. (1996) Nature 381 (6577), 86-89

# **DATA**

#### **SDS-PAGE**



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

