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# Recombinant human MED20 protein

Catalog Number: ATGP1855

#### **PRODUCT INFORMATION**

# **Expression system**

E.coli

#### **Domain**

1-212aa

#### UniProt No.

O9H944

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

NP 004266

#### **Alternative Names**

Mediator of RNA polymerase II transcription subunit 20, PRO0213, TRFP

# PRODUCT SPECIFICATION

### **Molecular Weight**

25.6 kDa (235aa) confirmed by MALDI-TOF

#### Concentration

0.25mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.5) containing 0.2M NaCl, 50% 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**

MED20 is a subunit of the Mediator complex, a multiprotein coactivator of RNA transcription that interacts with DNA-bound transcriptional activators, RNA polymerase II (see MIM 180660), and general initiation factors. Recombinant human MED20 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

# **Amino acid Sequence**

< MGSSHHHHHH SSGLVPRGSH MGS>MGVTCVS OMPVAEGKSV QOTVELLTRK LEMLGAEKOG TFCVDCETYH



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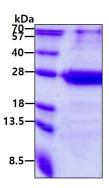
TAASTLGSQG QTGKLMYVMH NSEYPLSCFA LFENGPCLIA DTNFDVLMVK LKGFFQSAKA SKIETRGTRY QYCDFLVKVG TVTMGPSARG ISVEVEYGPC VVASDCWSLL LEFLQSFLGS HTPGAPAVFG NRHDAVYGPA DTMVQYMELF NKIRKQQQVP VAGIR

### **General References**

Sato S, Tomomori-Sato C, et al. (2004). Mol Cell. 14(5):685-91. Zhang X, Krutchinsky A, et al. (2011). Mol Cell. 19(1):89-100.

# **DATA**

# **SDS-PAGE**



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

