

Recombinant human MED20 protein

Catalog Number: ATGP1855

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-212aa

UniProt No.

Q9H944

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 SGLVPRGSH MGS>MGVTCVS QMPVAEGKSV QQTVELLTRK LEMLGAEKQG TFCVDCETYH

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

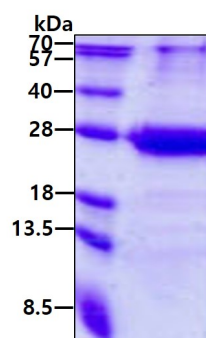
General References

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