Recombinant HumanMED20, His-tagged

Cat. No. MED20-7073H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MED20 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-212aa
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.5) containing 0.2M NaCl,50% glycerol, 1mM DTT
Molecular Mass	25 kDa (235aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGVTCVS QMPVAEGKSV QQTVELLTRK LEMLGAEKQG TFCVDCETYH TAASTLGSQG QTGKLMYVMHNSEYPLSCFA LFENGPCLIA DTNFDVLMVK LKGFFQSAKA SKIETRGTRY QYCDFLVKVG TVTMGPSARG ISVEVEYGPC VVASDCWSLL LEFLQSFLGS HTPGAPAVFG NRHDAVYGPA DTMVQYMELF NKIRKQQQVP VAGIR
Purity	>90% by SDS - PAGE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE
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.
Concentration	0.25 mg/ml

GENE INFORMATION

Gene Name	MED20 mediator complex subunit 20 [Homo sapiens]
Official Symbol	MED20
Synonyms	MED20; mediator complex subunit 20; Trf (TATA binding protein related factor) proximal homolog (Drosophila) , TRFP; mediator of RNA polymerase II transcription subunit 20; DKFZp586D2223; PRO0213; hTRFP; TRF-proximal protein homolog; Trf (TATA binding protein-related factor)-proximal homolog; TRFP; MGC29869;
Gene ID	9477
mRNA Refseq	NM_004275
Protein Refseq	NP_004266
MIM	612915
UniProt ID	Q9H944
Chromosome Location	6p21.1
Pathway	Developmental Biology, organism-specific biosystem; Fatty acid, triacylglycerol, and

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	ketone body metabolism, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; PPARA Activates Gene Expression, organism-specific biosystem;
Function	DNA-directed RNA polymerase activity; RNA polymerase II transcription cofactor activity; protein binding;

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