Recombinant Human MED1 Protein, His-tagged

Cat. No. MED1-436H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MED1(Met1~Thr212) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1~Thr212
Description	The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. It also regulates p53-dependent apoptosis and it is essential for adipogenesis. This protein is known to have the ability to self-oligomerize.
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	27.5kDa

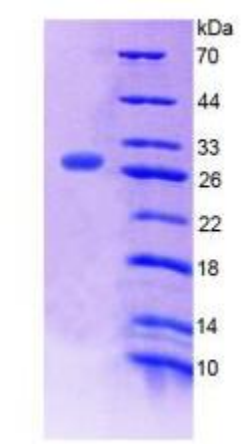
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Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	MED1 mediator complex subunit 1 [Homo sapiens]
Official Symbol	MED1
Synonyms	MED1; mediator complex subunit 1; PPAR binding protein , PPARBP, PPARGBP, TRIP2; mediator of RNA polymerase II transcription subunit 1; CRSP1; CRSP200; DRIP230; PBP; RB18A; TRAP220; ARC205; TRIP-2; PPAR binding protein; PPAR-binding protein; PPARG binding protein; TR-interacting protein 2; p53 regulatory protein RB18A; thyroid receptor interacting protein 2; thyroid receptor-interacting protein 2; vitamin D receptor-interacting protein 230 kD; activator-recruited cofactor 205 kDa component; peroxisome proliferator-activated receptor-binding protein;

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	vitamin D receptor-interacting protein complex component DRIP205; thyroid hormone receptor-associated protein complex 220 kDa component; thyroid hormone receptor-associated protein complex component TRAP220; TRIP2; PPARBP; DRIP205; PPARGBP; MGC71488;
Gene ID	5469
mRNA Refseq	NM_004774
Protein Refseq	NP_004765
MIM	604311
UniProt ID	Q15648
	

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