

Recombinant Human MED1 Protein Lysate

Cat. No. MED1-01H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MED1 Protein Lysate without tag was expressed in HEK293T cells.
Species	Human
Source	HEK293
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	Lyophilized powder
Molecular Mass	168.3 kDa
Storage	Store at -20 centigrade. Once reconstituted, aliquot and store any remaining material at -20C to avoid repeated freeze-thaw cycles.

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Reconstitution This protein lysate can be reconstituted using SDS Sample Buffer.

GENE INFORMATION

Gene Name [MED1 mediator complex subunit 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [MED1](#)

Synonyms MED1; mediator complex subunit 1; PBP; CRSP1; RB18A; TRIP2; PPARBP; CRSP200; DRIP205; DRIP230; PPARGBP; TRAP220; mediator of RNA polymerase II transcription subunit 1; ARC205; PPAR-binding protein; PPARG binding protein; TR-interacting protein 2; TRIP-2; activator-recruited cofactor 205 kDa component; p53 regulatory protein RB18A; peroxisome proliferator-activated receptor-binding protein; thyroid hormone receptor-associated protein complex 220 kDa component; thyroid hormone receptor-associated protein complex component TRAP220; thyroid receptor interacting protein 2; vitamin D receptor-interacting protein 230 kD; vitamin D receptor-interacting protein complex component DRIP205

Gene ID [5469](#)

mRNA Refseq [NM_004774](#)

Protein Refseq [NP_004765](#)

MIM [604311](#)

UniProt ID [Q15648](#)

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