

Recombinant Human MED7

Cat. No. MED7-26939TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CRSP9 produced in <i>Saccharomyces cerevisiae</i> ; amino acids 1-233; 233 amino acids, MWt 27.2 kDa. Protein is tagged with 26 kDa proprietary tag.
Species	Human
ProteinLength	1-233 a.a.
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. Two transcript variants encoding the same protein have been found for this gene.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 30% Glycerol, 0.5% Triton-X-100, 50mM HEPES, 30mM Glutathione, 100mM Sodium chloride, 1mM DTT, pH 7.5

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino acids	MGEPQQVSALPPPPMQYIKEYTDENIQEGLAPKPPPIKD SYMMFGNQFQCDDLIR PLESQGIERLHPMQFDHKEL RKLNMSILINFLDLLDILIRSPGSIKREEKLEDLKLFF VHVHHLINERYRPHQARETLRVMMEVQKRQRLETAERFQKH LERVIEMIQNCLASLP DDLPHSEAGMRVKTEPMDADDS NNCTGQNEHQRENSGHRRDQIIIEKDAALCVLID EMNER P
Full Length	Full L.

GENE INFORMATION

Gene Name	MED7 mediator complex subunit 7 [Homo sapiens]
Official Symbol	MED7
Synonyms	MED7; mediator complex subunit 7; cofactor required for Sp1 transcriptional activation, subunit 9, 33kDa , CRSP9; mediator of RNA polymerase II transcription subunit 7; CRSP33;
Gene ID	9443
mRNA Refseq	NM_001100816
Protein Refseq	NP_001094286
MIM	605045
Uniprot ID	O43513
Chromosome	5q33.3

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Location	
Pathway	Developmental Biology, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Transcriptional Regulation of White Adipocyte Differentiation, organism-specific biosystem;
Function	RNA polymerase II transcription cofactor activity; transcription coactivator activity;

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