

Recombinant Full Length Human MED7 Protein, GST-tagged

Cat. No. MED7-2110HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CRSP9 full-length ORF (AAH05250, 1 a.a. - 233 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	233 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	51.37 kDa
AA Sequence	MGEPQQVSALPPPPMQYIKEYTDENIQEGLAPKPPPIKDSYMMFGNQFQCDDLIR PLESQGIERLHPMQFDHKKELRKLNMSILINFLDLLILIRSPGSIKREEKLEDLKLFFV HVHHLINERYPHQARETLRVMMEVQKRQRLETAERFQKHLERVIEMIQNCLASLPDD

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	LPHSEAGMRVKTEPMDADDSNNCTGQNEHQRENSGHRRDQIIKDAALCVLIDEMN ERP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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; CRSP complex subunit 9; transcriptional coactivator CRSP33; activator-recruited cofactor 34 kDa component; cofactor required for Sp1 transcriptional activation subunit 9; RNA polymerase transcriptional regulation mediator subunit 7 homolog; cofactor required for Sp1 transcriptional activation, subunit 9 (33kD); cofactor required for Sp1 transcriptional activation, subunit 9, 33kDa; ARC34; CRSP9; MGC12284
Gene ID	9443

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mRNA Refseq	NM_001100816
Protein Refseq	NP_001094286
MIM	605045
UniProt ID	O43513

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