

Recombinant Full Length Human MED27 Protein, GST-tagged

Cat. No. MED27-2109HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CRSP8 full-length ORF (AAH02878, 1 a.a. - 70 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	70 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. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 5. [provided by RefSeq, Dec 2011]
Molecular Mass	33.44 kDa
AA Sequence	MRNKETLEGREKAFIAHFQDNLHSVNRDLNELERLSNLVGKPSENHPLHNSGLLSLD PVQDKTPLYSQLL

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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	MED27 mediator complex subunit 27 [Homo sapiens]
Official Symbol	MED27
Synonyms	MED27; mediator complex subunit 27; cofactor required for Sp1 transcriptional activation, subunit 8, 34kDa , CRSP8; mediator of RNA polymerase II transcription subunit 27; CRSP34; TRAP37; CRSP complex subunit 8; p37 TRAP/SMCC/PC2 subunit; transcriptional coactivator CRSP34; cofactor required for Sp1 transcriptional activation, subunit 8, 34kDa; CRSP8; CRAP34; FLJ42238; MGC11274
Gene ID	9442
mRNA Refseq	NM_001253881
Protein Refseq	NP_001240810
MIM	605044

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UniProt ID

Q6P2C8

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