Recombinant Human MED27, His-tagged

Cat. No. MED27-157H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MED27, 1-311aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-311aa
Description	MED27 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. Recombinant human MED27 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Molecular Mass	37.8 kDa (334aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMADVINV SVNLEAFSQA ISAIQALRSS VSRVFDCLKD GMRNKETLEG REKAFIAHFQ DNLHSVNRDL NELERLSNLV GKPSENHPLH NSGLLSLDPV QDKTPLYSQL LQAYKWSNKL QYHAGLASGL LNQQSLKRSA NQMGVSAKRR PKAQPTTLVL PPQYVDDVIS RIDRMFPEMS IHLSRPNGTS AMLLVTLGKV LKVIVVMRSL FIDRTIVKGY NENVYTEDGK LDIWSKSNYQ VFQKVTDHAT TALLHYQLPQ MPDVVVRSFM TWLRSYIKLF

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	QAPCQRCGKF LQDGLPPTWR DFRTLEAFHD TCRQ
Purity	>80% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)

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
UniProt ID	Q6P2C8

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Chromosome Location	9q34.13
Pathway	Developmental Biology, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; PPARA Activates Gene Expression, organism-specific biosystem;
Function	transcription coactivator activity;

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