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32-4195: Recombinant Human Mediator Complex Subunit 27

Alternative Name :	Mediator Complex Subunit 27,MED27,CRSP8,Cofactor Required For Sp1 Transcriptional Activation,Subunit 8 34kDa,P37 TRAP/SMCC/PC2 Subunit,Transcriptional Coactivator CRSP34,CRSP34,CRSP Complex Subunit 8,CRAP34,TRAP37,Mediator of RNA Polymeras

Description

Source : E.coli. MED27 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 334 amino acids (1-311) and having a molecular mass of 37.8 kDa.MED27 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Mediator Complex Subunit 27 (MED27) is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, together with TFIID, is necessary for efficient activation by SP1. MED27 is a component of the Mediator complex, a coactivator involved in the regulated transcription of virtually all RNA polymerase II-dependent genes. MED27 protein is also a component of other multisubunit complexes such as the thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. The activation of MED27 gene transcription is a multistep process, which is triggered by factors that identify transcriptional enhancer sites in DNA.

Product Info

Amount :	10 µg
Purification :	Greater than 80% as determined by SDS-PAGE.
Content :	The MED27 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	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 QAPCQRCGKF LQDGLPPTWR DFRTLEAFHD TCRQ.