9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MED27 Human

Mediator Complex Subunit 27 Human Recombinant
RCP1346

Product Overview

Name	MED27 Human
Description	
Mediator Complex Subunit 27 Human Recombinant	
Accession (Primary)	Q6P2C8
Synonyms	
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 Polymerase II Transcription Subunit 27, Cofactor Required For Sp1 Transcriptional Activation Subunit 8.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The MED27 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 80% as determined by SDS-PAGE.	

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Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MADVINV 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.

Precautions

MED27 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q6P2C8)