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

MED7 Human

Mediator Complex Subunit 7 Human Recombinant
RCP1348

Product Overview

Name	MED7 Human
Description	
Mediator Complex Subunit 7 Human Recombinant	
Accession (Primary)	O43513
Synonyms	
Mediator complex subunit 7, cofactor required for Sp1 transcriptional activation subunit 9 33kDa, Activator-recruited cofactor 34 kDa component, Transcriptional coactivator CRSP33, RNA polymerase transcriptional regulation mediator subunit 7 homolog, mediator of RNA polymerase II transcription subunit 7, CRSP complex subunit 9, CRSP33, CRSP9, ARC34, hMED7.	
Introduction	
MED7 is a member of the Mediator complex subunit 7 family. The activation of gene transcription is a multistep course which is initiated by factors which identify transcriptional enhancer sites in DNA and collaborate with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The gene encode a subunit of the CRSP (cofactor required for SP1 activation) complex, that, together with TFIID, is needed for effective activation by SP1. Additionally, MED7 is also an element of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins that cooperate with TR and enables TR function on DNA templates in conjunction with initiation factors and cofactors.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The MED7 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 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 85% as determined by SDS-PAGE.	
Amino acid sequence	

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MGSSHHHHHH SSGLVPRGSH MGS MGEPQQV SALPPPPMQY IKEYTDENIQ EGLAPKPPPP IKDSYMMFGN QFQCDDLIIR PLESQGIERL HPMQFDHKKE LRKLNMSILI NFLDLLDILI RSPGSIKREE KLEDLKLLFV HVHHLINEYR PHQARETLRV MMEVQKRQRL ETAERFQKHL ERVIEMIQNC LASLPDDLPH SEAGMRVKTE PMDADDSNNC TGQNEHQREN SGHRRDQIIE KDAALCVLID EMNERP

Precautions

MED7 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O43513)