

MED7, 1-233aa, Human, His tag, E.coli

Cat.NO.: TP02943

3th Edition

Synonyms:Mediator complex subunit 7, ARC34; CRSP33; CRSP9.

Description:Mediator complex subunit 7, also known as MED7, belongs to the Mediator complex subunit 7 family. 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.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol

Molecular Weight:29.7 kDa (256aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMGEPQQVSALPPPPMQYIKEYTDENIQEGLAPKPPPIKDSYMMFGNQFQC
DDLIIRPLESQGIERLHPMQFDHKKELRKLNMSILINFLDLLILIRSPGSIKREEKLEDLKLLFVHVHHLINYEYRPHQAR
ETLRVMMEVQKRQRLETAERFQKHLERVIEMIQNCLASLPDDLPHSEAGMRVKTEPMDADDSNNCTGQNEHQRE
NSGHRRDQIIEKDAALCVLIDEMNERP

Purity:> 95% by HPLC

Concentration:0.5 mg/ml

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.