

32-4193: Recombinant Human Mediator Complex Subunit 7

Alternative Name : Mediator of RNA polymerase II transcription subunit 20, Mediator complex subunit 20, TRF-proximal protein homolog, hTRFP, MED20, TRFP, PRO0213.

Description

Source : E.coli. MED20 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 235 amino acids (1-212 a.a.) and having a molecular mass of 25kDa. MED20 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Mediator Complex Subunit 20 (MED20) is a subunit of the Mediator complex, which is a multiprotein coactivator of RNA transcription that interacts with DNA-bound transcriptional activators, RNA polymerase II, and general initiation factors. The Mediator functions as a link to transmit information from gene-specific regulatory proteins to the basal RNA polymerase II transcription apparatus. Mediator is recruited to promoters by direct interactions with regulatory proteins and functions as a scaffold for the compilation of a functional preinitiation complex with RNA polymerase II and the general transcription factors.

Product Info

Amount : 10 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : MED20 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.5), 0.2M NaCl, 50% glycerol and 1mM DTT.
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 MGSMGVTCVS QMPVAEGKSV QQTVELLTRK LEMLGAEKQG
TFCVDCETYH TAASTLGSQG QTGKLMYVMH NSEYPLSCFA LFENGCLIA DTNFDVLMVK LKGFFQSAKA
SKIETRGTRY QYCDFLVKVG TVTMGPSARG ISVEVEYGPC VVASDCWSLL LEFLQSFLGS HTPGAPAVFG
NRHDAVYGPA DTMVQYMELF NKIRKQQQVP VAGIR.