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32-5002: Recombinant Human SUB1 Homolog

Alternative Name : p14,P15,PC4,Positive cofactor 4,SUB1 homolog,RPO2TC1,Activated RNA polymerase II transcriptional coactivator p15,MGC102747.

Description

Source : Escherichia Coli. SUB1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 147 amino acids (1-127 a.a.) and having a molecular mass of 16.5 kDa. SUB1 protein is fused to a 20 amino acid His tag at N-terminus and is purified by standard chromatography. SUB1 is a coactivator that functions together with TAFs and mediates functional interactions between upstream activators and the general transcriptional machinery. SUB1 interacts with the activation domain of transcription factor IIA (TFIIA) and TATA-binding protein (TBP)-associated factors (TAFs) to directly bind to double stranded DNA. SUB1 induces both activation and repression of RNAPII basal transcription, depending on the presence or absence of these transcription factors and holoenzyme components.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	SUB1 Human solution containing 20mM Tris-HCl pH-8, 0.2M NaCl, 5mM DTT & 20% 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 MPKSKELVSS SSSGSDSDSE VDKKLKRKKQ VAPEKPVKKQ KTGETSRALS SSKQSSSSRD DNMFQIGKMR YVSVRDFKGK VLIDIREYWM DPEGEMKPGR KGISLNPEQW SQLKEQISDI DDAVRKL.

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