

32-3631: CSTF1 Recombinant Protein

Alternative Name : Cleavage stimulation factor subunit 1,CF-1 50 kDa subunit,Cleavage stimulation factor 50 kDa subunit,CSTF 50 kDa subunit,CstF-50,CSTF1,CstFp50.

Description

Source : Escherichia Coli. CSTF1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 439 amino acids (1-431 a.a) and having a molecular mass of 49.4kDa.CSTF1 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques. Cleavage stimulation factor subunit 1 (CSTF1) is involved in the polyadenylation and 3'end cleavage of pre-mRNAs. The CSTF1 gene encodes one of three subunits which merge to produce cleavage stimulation factor (CSTF). Like the mammalian G protein beta subunits, CSTF1 contains transducin-like repeats. CSTF1 is one of the numerous factors necessary for polyadenylation and 3'-end cleavage of mammalian pre-mRNAs. CSTF1 is responsible for the interaction of CSTF with other factors to create a stable complex on the pre-mRNA.

Product Info

Amount : 20 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : CSTF1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 2M urea.
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 : MYRTKVGLKD RQQLYKLIIS QLLYDGYISI ANGLINEIKP QSVCAPSEQL LHLIKLGMEN DDTAVQYAIG RSDTVAPGTG IDLEFDADVQ TMSPEASEYE TCYVTSHKGP CRVATYSRDG QLIATGSADA SIKILDTERM LAKSAMPIEV MMNETAQQNM ENHPVIRTLY DHVDEVTCLA FHPTEQILAS GSRDYTLKLF DYSKPSAKRA FKYIQEAEML RSISFHPSGD FILVGTQHPT LRLYDINTFQ CFVSCNPQDQ HTDAICSVNY NSSANMYVTG SKDGCIKLWD GVSNRCITTF EKAHDGAEVC SAIFSKNSKY ILSSGKDSVA KLWEISTGRT LVRYTGAGLS GRQVHRTQAV FNHTEDYVLL PDERTISLCC WDSRTAERRN LLSLGHNNIV RCIVHSPTNP GFMTCSDDFR ARFWYRRSTT DVEHHHHHHH.