

32-13183: CSTF1 Human, sf9

Alternative Name : Cleavage Stimulation Factor Subunit 1, Cleavage Stimulation Factor, 3 Pre-RNA, Subunit 1, 50kD, Cleavage Stimulation Factor 50 KDa Subunit, CF-1 50 KDa Subunit, CSTF 50 KDa Subunit, CstF-50, Cleavage Stimulation Factor, 3 Pre-RNA, Subunit 1, 50kDa, Cleavage Stimulation Factor, 3 Pre-RNA, Subunit 1, CstFp50.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

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.

CSTF1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 437 amino acids (1-431a.a.) and having a molecular mass of 49.1kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). CSTF1 is expressed with a 6 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : CSTF1 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4), 1mM DTT and 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 : MYRTKVGLKD RQQLYKLIIS QLLYDGYISI ANGLINEIKP QSVCAPSEQL LHLIKLGMEN
DDTAVQYAIG RSDTVAPGTG IDLEFDADVQ TMSPEASEYE TCYVTSHKGP CRVATYSRDG
QLIATGSADA SIKILDTERM LAKSAMPIEV MMNETAQQNM ENHPVIRTLY DHVDEVTCCLA
FHPTEQILAS GSRDYTLKLF DYSKPSAKRA FKYIQEAEML RSISFHPSGD FILVGTQHPT
LRLYDINTFQ CFVSCNPQDQ HTDAICSVNY NSSANMYVTG SKDGCIKLWD GVSNRCITTF
EKAHDGAIEVC SAIFSKNSKY ILSSGKDSVA KLWEISTGRT LVRYTGAGLS GRQVHRTQAV
FNHTEDYVLL PDERTISLCC WDSRTAERRN LLSLGHNNIV RCIVHSPTNP GFMTCSDDFR
ARFWYRRSTT DHHHHHH.