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CSTF1 Human, sf9

Cleavage Stimulation Factor 1 Human Recombinant, sf9
RCP0582

Product Overview

Name	CSTF1 Human, sf9
Description	
Cleavage Stimulation Factor 1 Human Recombinant, sf9	
Accession (Primary)	Q05048
Synonyms	
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.	
Introduction	
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.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
CSTF1 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4), 1mM DTT and 20% glycerol.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
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 D HHHHHH.

Precautions

CSTF1 Human, sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q05048)