

CSTF1, 1-431aa Human, His tag, E.coli

Cat.NO.: TP01760

3th Edition

Synonyms:Cleavage stimulation factor subunit 1, CstF-50, CstFp50.

Description:CSTF1, also known as cleavage stimulation factor subunit 1, is involved in the polyadenylation and 3'end cleavage of pre-mRNAs. Similar to mammalian G protein beta subunits, this protein contains transducin-like repeats. Several transcript variants with different 5' UTR, but encoding the same protein, have been found for this gene. Recombinant human CSTF1 protein, fused to His-tag at C-terminus, was expressed in E.coli.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 2M urea

Molecular Weight:49.4 kDa (439aa)

Sequences:

```
MYRTKVGLKDRQQLYKLIISQLLYDGYISIANGLINEIKPQSVCAPSEQLLHLIKLGMENDDTAVQYAIGRSDTVAPGT  
GIDLEFDADVQTMSP EASEYETCYVTSHKGPCRVATYSRDGQLIATGSADASIKILDTERMLAKSAMP IEVMMNETA  
QQNMENHPVIRTLYDHVDEV TCLA FHPTEQILASGSRDYTLKLFDY SKPSAKRAF KYIQEAEMLR SISFHPSGDFILV  
GTQHPTLRLYDINTFQCFVSCNPQDQHTDAICSVNYNSSANMYVTGSKDGCIKLWDGVSNRCITTFEKAHDGAEVC  
SAIFSKNSKYILSSGKDSVAKLWEISTGR TLVRYTGAGLSGRQVHRTQAVFNHTEDYVLLPDERTISLCCWDSRTAE  
RRNLLSLGHNNIVRCIVHSPTNPGFMTCSDDFRARFWYRRSTTDVEHHHHHH
```

Purity:> 95% by HPLC

Concentration:1 mg/ml

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.