

Product information

CSTF1, 1-431aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1659

Full name: Cleavage stimulation factor subunit 1

NCBI Accession No.: NP_001028693

Synonyms: CstF-50, CstFp50

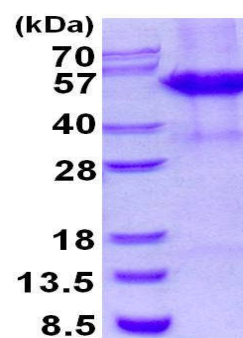
Description: CSTF1, also known as cleavage stimulation factor subunit 1, is involved in the polyadenylation and 3'end cleavage of pre-mRNAs. Similar to mammalian G protein beta subunits, this protein contains transducin-like repeats. Several transcript variants with different 5' UTR, but encoding the 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)

Purity: > 90% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MYRTKVGDKD RQQLYKLIIS QLLYDGYISI ANGLINEIKP QSVCAPSEQL LHLIKLGMEN DDTAVQYAIG RSDTVAPGTG IDLEFDADVQ
TMSPEASEYE TCYVTSHKGP CRVATYSRDG QLIATGSADA SIKILDTERM LAKSAMP1EV MMNETAQNM ENHPVIRTLV DHVDEVTLA
FHPTEQILAS GSRDYTLKLF DYKPSAKRA FKYIQEAEML RSISFHPSGD FILVGTQHPT LRLYDINTFQ CFVSCNPQDQ HTDAICSVNY
NSSANMYVTG SKDGC1KLWD GVSNCITTF EKAHDGAEVC SAIFSKNSKY ILSSGKDSVA KLWEISTGRT LVRYTGAGLS GRQVHRTQAV
FNHTEDYVLL PDERTISLCC WDSRTAERRN LLSLGHNNIV RCIVHSPTNP GFMTCSDDFR ARFWYRRSTT DVEHHHHHH

General references:

Rush J., et al. (2005) *Nat. Biotechnol.* 23:94-101

Takagaki Y., et al. (2000) *Mol. Cell. Biol.* 20:1515-1525

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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