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Recombinant human CSTF1 protein

Catalog Number: ATGP1659

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-431aa

UniProt No.

005048

NCBI Accession No.

NP 001028693

Alternative Names

Cleavage stimulation factor subunit 1, CstF-50, CstFp50

PRODUCT SPECIFICATION

Molecular Weight

49.4 kDa (439aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 2M urea

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence

MYRTKVGLKD RQQLYKLIIS QLLYDGYISI ANGLINEIKP QSVCAPSEQL LHLIKLGMEN DDTAVQYAIG RSDTVAPGTG



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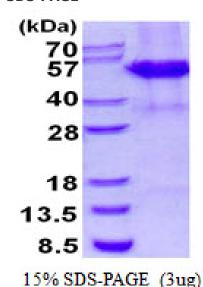
IDLEFDADVQ TMSPEASEYE TCYVTSHKGP CRVATYSRDG QLIATGSADA SIKILDTERM LAKSAMPIEV MMNETAQQNM ENHPVIRTLY DHVDEVTCLA FHPTEQILAS GSRDYTLKLF DYSKPSAKRA FKYIQEAEML RSISFHPSGD FILVGTQHPT LRLYDINTFQ CFVSCNPQDQ HTDAICSVNY NSSANMYVTG SKDGCIKLWD GVSNRCITTF EKAHDGAEVC SAIFSKNSKY ILSSGKDSVA KLWEISTGRT LVRYTGAGLS GRQVHRTQAV FNHTEDYVLL PDERTISLCC WDSRTAERRN LLSLGHNNIV RCIVHSPTNP GFMTCSDDFR ARFWYRRSTT DVEHHHHHH

General References

Rush J., et al. (2005) Nat. Biotechnol. 23:94-101 Takagaki Y., et al. (2000) Mol. Cell. Biol. 20:1515-1525

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

