

Recombinant Human CSTF1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CSTF1-4172H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CSTF1 MS Standard C13 and N15-labeled recombinant protein (NP_001315) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes one of three subunits which combine to form cleavage stimulation factor (CSTF). CSTF 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.
Molecular Mass	48.4 kDa
AA Sequence	MYRTKVGLKDRQQLYKLIISQLLYDGYISIANGLINEIKPQSVCAPSEQLLHLIKLGMEN DDTAVQYAIGRSDTVAPGTGIDLEFDADVQTMSPEASEYETCYVTSHKGPCR VATY SRDGQLIATGSADASI KLDTERMLAKSAMP IEVMMNETAQQN MENHPVIR TLYDHV DEVTCLAFHPTEQILASGSRDYTLK LFDYSKPSAKRAF KYIQEAEMLR SISFHPSGDFI LVGTQHPTLR LRYDINTFQCFVSCNPQDQHTDAICSVNYN SSANMYVTGSKDGC IKL WDGVSNRCITTFEKAHDGAEVCSAIFSKNSKYILSSGKDSVAKLWEISTGR TLVRYT GAGLSGRQVHRTQAVFNHTEDYVLLPDERTISLCCWDSRTAERRNLLSLGHNNIVR CIVHSPTNPGFMTCSDDFRARFWYRRSTTDTRTRPLEQKLISEEDLAANDILDYKDD

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	DDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CSTF1 cleavage stimulation factor subunit 1 [Homo sapiens (human)]
Official Symbol	CSTF1
Synonyms	CSTF1; cleavage stimulation factor, 3 pre-RNA, subunit 1, 50kDa; cleavage stimulation factor, 3 pre RNA, subunit 1, 50kD; cleavage stimulation factor subunit 1; CF-1 50 kDa subunit; CSTF 50 kDa subunit; cleavage stimulation factor 50 kDa subunit; CstF-50; CstFp50;
Gene ID	1477
mRNA Refseq	NM_001324
Protein Refseq	NP_001315
MIM	600369

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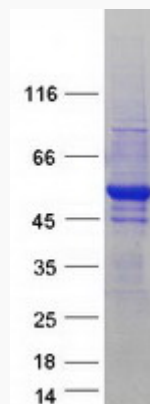
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UniProt ID

Q05048

SDS-PAGE

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