

# Recombinant Full Length Human CSTF1 Protein, GST-tagged

**Cat. No.** CSTF1-2247HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| <b>Product Overview</b> | Human CSTF1 full-length ORF ( AAH01011, 1 a.a. - 431 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 431 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | 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. [provided by RefSeq, Jul 2008]                                                             |
| <b>Molecular Mass</b>   | 73.15 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MYRTKVGLKDRQQLYKLIISQLLYDGYISIANGLINEIKPQSVCAPSEQLLHLIKLGMEN<br>DDTAVQYAIGRSDTVAPGTGIDLEFDADVQTMSPLEASEYETCYVTSHKGPCR VATY<br>SRDGQLIATGSADASIKILDTERMLAKSAMP IEVMMNETAQQN MENHPVIRTLYDHV<br>DEVTCLAFHPTEQILASGSRDYTLKLF DYSKPSAKRAFKYIQEAEMLR SIFHPSGDFI<br>LVGTQHPTLR LYDINTFQCFVSCNPQDQHTDAICSVNYNSSANMYVTGSKDGC IKL<br>WDGVSNRCITTFEKAHDGAEVCSAIFSKNSKYILSSGKDSVAKLWEISTGR TLVRYT<br>GAGLSGRQVHRTQAVFNHTEDYVLLPDERTISLCCWDSRTAERRNLLSLGHNNIVR<br>CIVHSPTNPGFMTCSDDFRARFWYRRSTTD |

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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                       |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                  |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                         |
| <b>Gene Name</b>        | CSTF1 cleavage stimulation factor, 3 pre-RNA, subunit 1, 50kDa [ Homo sapiens ]                                                                                                                                                                                         |
| <b>Official Symbol</b>  | CSTF1                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>         | 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 |
| <b>Gene ID</b>          | 1477                                                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>      | NM_001033521                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>   | NP_001028693                                                                                                                                                                                                                                                            |
| <b>MIM</b>              | 600369                                                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>       | Q05048                                                                                                                                                                                                                                                                  |

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