

## Recombinant Human CSTF2 cell lysate

**Cat. No.** CSTF2-414HCL    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                       |                                                                                                                                                                                                                                                                                                                                   |
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| <b>Species</b>        | Human                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>    | This gene encodes a nuclear protein with an RRM (RNA recognition motif) domain. The protein is a member of the cleavage stimulation factor (CSTF) complex that is involved in the 3' end cleavage and polyadenylation of pre-mRNAs. Specifically, this protein binds GU-rich elements within the 3'-untranslated region of mRNAs. |
| <b>Size</b>           | 100 ul                                                                                                                                                                                                                                                                                                                            |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)                                                                                                                                                                                                                         |
| <b>Applications</b>   | Western Blot;                                                                                                                                                                                                                                                                                                                     |

### GENE INFORMATION

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|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CSTF2 cleavage stimulation factor, 3 pre-RNA, subunit 2, 64kDa [ Homo sapiens ]                                                                                                                                                                                                        |
| <b>Official Symbol</b> | CSTF2                                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>        | CSTF2; cleavage stimulation factor, 3 pre-RNA, subunit 2, 64kDa; cleavage stimulation factor, 3 pre RNA, subunit 2, 64kD; cleavage stimulation factor subunit 2; CF-1 64 kDa subunit; CSTF 64 kDa subunit; betaCstF-64 variant 2; cleavage stimulation factor 64 kDa subunit; CstF-64; |

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| <b>Gene ID</b>             | 1478                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>         | NM_001325                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>      | NP_001316                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>MIM</b>                 | 600368                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>          | P33240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Chromosome Location</b> | Xq22.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Pathway</b>             | Cleavage of Growing Transcript in the Termination Region, organism-specific biosystem; Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; Processing of Capped Intronless Pre-mRNA, organism-specific biosystem; Processing of Intronless Pre-mRNAs, organism-specific biosystem; RNA Polymerase II Transcription, organism-specific biosystem; RNA Polymerase II Transcription Termination, organism-specific biosystem; |
| <b>Function</b>            | RNA binding; nucleotide binding; protein binding;                                                                                                                                                                                                                                                                                                                                                                                                                                                  |