

Recombinant Human CSTF3 293 Cell Lysate

Cat. No. CSTF3-7222HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for cleavage stimulation factor, 3 pre-RNA, subunit 3, 77kDa (CSTF3), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name CSTF3 cleavage stimulation factor, 3 pre-RNA, subunit 3, 77kDa [Homo sapiens]

Official Symbol CSTF3

Synonyms

CSTF3; cleavage stimulation factor, 3 pre-RNA, subunit 3, 77kDa; cleavage stimulation factor, 3 pre RNA, subunit 3, 77kD; cleavage stimulation factor subunit 3; CstF 77; CF-1 77 kDa subunit; CSTF 77 kDa subunit; cleavage stimulation factor 77 kDa subunit; cleavage stimulation factor subunit 3, isoform 1; CSTF-77; MGC43001; MGC75122; MGC117398;

Gene ID 1479

mRNA Refseq NM_001033505

Protein Refseq NP_001028677

MIM 600367

UniProt ID Q12996

Chromosome Location 11p13

Pathway

Cleavage of Growing Transcript in the Termination Region, organism-specific biosystem; Gene Expression, organism-specific biosystem; Processing of Capped

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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;

Function	RNA binding; binding;
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