

Recombinant Human CPSF1 protein, His & T7-tagged

Cat. No. CPSF1-1667H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CPSF1 aa. (Met1~Leu300 (Accession # Q10570)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Leu300
Description	Cleavage and polyadenylation specificity factor (CPSF) is a multisubunit complex that plays a central role in 3-prime processing of pre-mRNAs. CPSF recognizes the AAUAAA signal in the pre-mRNA and interacts with other proteins to facilitate both RNA cleavage and poly(A) synthesis. CPSF1 is the largest subunit of the CPSF complex (Murthy and Manley, 1995 [PubMed 7590244]).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	6.1

GENE INFORMATION

Gene Name	CPSF1 cleavage and polyadenylation specific factor 1 [Homo sapiens (human)]
Official Symbol	CPSF1
Synonyms	CPSF1; cleavage and polyadenylation specific factor 1; CPSF160; P/ci.18; HSU37012; cleavage and polyadenylation specificity factor subunit 1; CPSF 160 kDa subunit; cleavage and polyadenylation specific factor 1, 160kDa; cleavage and polyadenylation specificity factor 160 kDa subunit; polyadenylation specificity factor
Gene ID	29894
mRNA Refseq	NM_013291.2
Protein Refseq	NP_037423.2

 Tel: 1-631-559-9269 1-516-512-3133

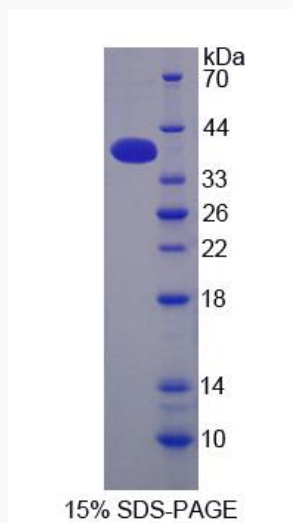
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q10570

SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA