Recombinant Human CPSF3 293 Cell Lysate

Cat. No. CPSF3-7304HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for cleavage and polyadenylation specific factor 3, 73kDa (CPSF3) 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.

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

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	CPSF3 cleavage and polyadenylation specific factor 3, 73kDa [Homo sapiens]
Official Symbol	CPSF3
Synonyms	CPSF3; cleavage and polyadenylation specific factor 3, 73kDa; cleavage and polyadenylation specific factor 3, 73kD subunit; cleavage and polyadenylation specificity factor subunit 3; CPSF 73; CPSF73; YSH1; CPSF 73 kDa subunit; mRNA 3-end-processing endonuclease CPSF-73; cleavage and polyadenylation specificity factor 3; cleavage and polyadenylation specificity factor 73 kDa subunit; CPSF; CPSF-73;
Gene ID	51692
mRNA Refseq	NM_016207
Protein Refseq	NP_057291
MIM	606029
UniProt ID	Q9UKF6
Chromosome Location	2p25.1
Pathway	Cleavage of Growing Transcript in the Termination Region, organism-specific

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

	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;
Function	5-3 exonuclease activity; RNA binding; endoribonuclease activity; hydrolase activity; metal ion binding; protein binding;

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