

## Recombinant Human CPSF4 293 Cell Lysate

**Cat. No.** CPSF4-7302HCL    **Lot. No.** (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Antigen standard for cleavage and polyadenylation specific factor 4, 30kDa (CPSF4), transcript variant 2 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.
<b>Components</b>	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).
<b>Size</b>	0.1 mg
<b>Storage Instruction</b>	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.
<b>Applications</b>	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

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

mixture at room temperature for 30 min). Load 5 ug lysate per lane.

## GENE INFORMATION

**Gene Name** CPSF4 cleavage and polyadenylation specific factor 4, 30kDa [ Homo sapiens ]

**Official Symbol** CPSF4

**Synonyms** CPSF4; cleavage and polyadenylation specific factor 4, 30kDa; cleavage and polyadenylation specific factor 4, 30kD subunit; cleavage and polyadenylation specificity factor subunit 4; CPSF30; NAR; neb-1; no arches homolog; CPSF 30 kDa subunit; no arches-like zinc finger protein; NS1 effector domain-binding protein 1; cleavage-polyadenylation specificity factor, 30kD; cleavage and polyadenylation specificity factor 30 kDa subunit; NEB1;

**Gene ID** 10898

**mRNA Refseq** NM\_001081559

**Protein Refseq** NP\_001075028

**MIM** 603052

**UniProt ID** O95639

**Chromosome Location** 7q22

**Pathway** Disease, organism-specific biosystem; Host Interactions with Influenza Factors, organism-specific biosystem; Influenza A, organism-specific biosystem; Influenza A, conserved biosystem; Influenza Infection, organism-specific biosystem; Inhibition of

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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



Host mRNA Processing and RNA Silencing, organism-specific biosystem; NS1 Mediated Effects on Host Pathways, organism-specific biosystem;

**Function**

RNA binding; metal ion binding; zinc ion binding;

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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