

Recombinant Human CPSF4 293 Cell Lysate

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

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	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.
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

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,

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organism-specific biosystem; Influenza A, organism-specific biosystem; Influenza A, conserved biosystem; Influenza Infection, organism-specific biosystem; Inhibition of 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;

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