

Recombinant Human HSPBP1 293 Cell Lysate

Cat. No. HSPBP1-5342HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for HSPA (heat shock 70kDa) binding protein, cytoplasmic cochaperone 1 (HSPBP1), 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.

 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

HSPBP1 HSPA (heat shock 70kDa) binding protein, cytoplasmic cochaperone 1 [Homo sapiens]

Official Symbol

HSPBP1

Synonyms

HSPBP1; HSPA (heat shock 70kDa) binding protein, cytoplasmic cochaperone 1; hsp70-binding protein 1; FES1; Hsp70 binding protein 1; hsp70 interacting protein; HspBP1; hspBP2; hsp70-binding protein 2; hsp70-interacting protein 1; hsp70-interacting protein 2; heat shock protein-binding protein 1;

Gene ID

23640

mRNA Refseq

NM_001130106

Protein Refseq

NP_001123578

MIM

612939

UniProt ID

Q9NZL4

**Chromosome
Location**

19q13.42

Pathway

Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem;

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Function	enzyme inhibitor activity; protein binding;
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