

Recombinant Human HRSP12 293 Cell Lysate

Cat. No. HRSP12-5390HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for heat-responsive protein 12 (HRSP12) 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.

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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

HRSP12 heat-responsive protein 12 [Homo sapiens]

Official Symbol

HRSP12

Synonyms

HRSP12; heat-responsive protein 12; ribonuclease UK114; P14.5; PSP; translational inhibitor p14.5; UK114; UK114 antigen homolog; perchloric acid-soluble protein; translational inhibitor protein p14.5; 14.5 kDa translational inhibitor protein;

Gene ID

10247

mRNA Refseq

NM_005836

Protein Refseq

NP_005827

MIM

602487

UniProt ID

P52758

**Chromosome
Location**

8q22

Function

endonuclease activity; hydrolase activity;

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