

Recombinant Human SRP72 293 Cell Lysate

Cat. No. SRP72-1477HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for signal recognition particle 72kDa (SRP72) 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

SRP72 signal recognition particle 72kDa [Homo sapiens]

Official Symbol

SRP72

Synonyms

SRP72; signal recognition particle 72kDa; signal recognition particle 72kD; signal recognition particle 72 kDa protein;

Gene ID

6731

mRNA Refseq

NM_006947

Protein Refseq

NP_008878

MIM

602122

UniProt ID

O76094

**Chromosome
Location**

4q11

Pathway

Gene Expression, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Protein export, organism-specific biosystem; Protein export, conserved biosystem; SRP-dependent cotranslational protein targeting to membrane, organism-specific biosystem; Translation, organism-specific biosystem;

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