

Recombinant Human SSBP1 293 Cell Lysate

Cat. No. SSBP1-1465HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for single-stranded DNA binding protein 1 (SSBP1) 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

SSBP1 single-stranded DNA binding protein 1 [Homo sapiens]

Official Symbol

SSBP1

Synonyms

SSBP1; single-stranded DNA binding protein 1; single stranded DNA binding protein; single-stranded DNA-binding protein, mitochondrial; SSBP; PWP1-interacting protein 17; mtSSB; Mt-SSB; SOSS-B1;

Gene ID

6742

mRNA Refseq

NM_001256510

Protein Refseq

NP_001243439

MIM

600439

UniProt ID

Q04837

**Chromosome
Location**

7q34

Pathway

DNA replication, organism-specific biosystem; DNA replication, conserved biosystem; Homologous recombination, organism-specific biosystem; Homologous recombination, conserved biosystem; Mismatch repair, organism-specific biosystem; Mismatch repair, conserved biosystem;

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