

Recombinant Human SSR4 293 Cell Lysate

Cat. No. SSR4-1457HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for signal sequence receptor, delta (translocon-associated protein delta) (SSR4) 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

SSR4 signal sequence receptor, delta [Homo sapiens]

Official Symbol

SSR4

Synonyms

SSR4; signal sequence receptor, delta; translocon-associated protein subunit delta; translocon associated protein delta; TRAPD; SSR-delta; TRAP-delta; translocon-associated protein delta; signal sequence receptor subunit delta;

Gene ID

6748

mRNA Refseq

NM_001204526

Protein Refseq

NP_001191455

MIM

300090

UniProt ID

P51571

**Chromosome
Location**

Xq28

Pathway

Gene Expression, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem; SRP-dependent cotranslational protein targeting to membrane, organism-specific

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biosystem; Translation, organism-specific biosystem; Translocon-associated protein (TRAP) complex, organism-specific biosystem;

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