

## Recombinant Human SSR1 Protein, Fc-tagged

Cat. No. SSR1-691H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human SSR1 (NP_003135.2) (Met1-Thr207) was expressed with the Fc region of human IgG1 at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-207 a.a.
<b>Predicted N Terminal</b>	Val 19
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
<b>Molecular Mass</b>	The recombinant human SSR1 consists 427 amino acids and predicts a molecular mass of 47.8 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>90 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [SSR1 signal sequence receptor, alpha \[ Homo sapiens \]](#)

**Official Symbol** [SSR1](#)

**Synonyms** SSR1; signal sequence receptor, alpha; translocon-associated protein subunit alpha; translocon associated protein alpha; TRAPA; SSR-alpha; TRAP alpha; TRAP-alpha; SSR alpha subunit; signal sequence receptor subunit alpha; translocon-associated protein alpha subunit; FLJ14232; FLJ22100; FLJ23034; FLJ78242; FLJ93042; DKFZp781N23103;

**Gene ID** [6745](#)

**mRNA Refseq** [NM\\_003144](#)

**Protein Refseq** [NP\\_003135](#)

**MIM** [600868](#)

**UniProt ID** [P43307](#)

**Chromosome Location** 6p24.3

**Pathway** Activation of Chaperone Genes by XBP1(S), organism-specific biosystem; Activation of Chaperones by IRE1alpha, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Gene

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Expression, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Protein processing in endoplasmic reticulum, organism-specific biosystem;

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