

Recombinant Human SSR1 Protein, Fc-tagged

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

SPECIFICATION

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