

# Recombinant human SSR2 protein

Catalog Number: ATGP1986

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

18-149aa

### UniProt No.

P43308

### NCBI Accession No.

NP\_003136

### Alternative Names

Tanslocon-associated protein subunit beta precursor, Tanslocon-associated protein subunit beta precursor, HSD25, TLAP, TRAP-BETA, TRAPB

## PRODUCT SPECIFICATION

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### Molecular Weight

16.8 kDa (155aa) confirmed by MALDI-TOF

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.1M NaCl

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

The signal sequence receptor (SSR) is a glycosylated endoplasmic reticulum (ER) membrane receptor associated with protein translocation across the ER membrane. The SSR consists of 2 subunits, a 34-kD glycoprotein (alpha-SSR or SSR1) and a 22-kD glycoprotein (beta-SSR or SSR2). The human beta-signal sequence receptor gene (SSR2) maps to chromosome bands 1q21-q23. Recombinant human SSR2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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## Amino acid Sequence

<MGSSHHHHH SSGLVPRGSH MGS>EEGARLL ASKSLNRYA VEGRDLTLQY NIYNVGSSAA LDVELSDDSF  
PPEDFGIVSG MLNVKWDRIA PASNVSHTVV LRPLKAGYFN FTSATITYLA QEDGPVVIGS TSAPGQGGIL AQREFDRRFS  
PHFLD

## General References

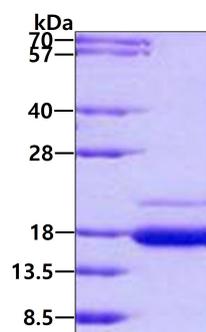
Chinen K. et al. (1995) Cytogenet Cell Genet. 70:215-217.

Tajima S. et al. (1986) J Cell Biol. 103:1167-1178.

## DATA

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### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.