

# Recombinant human SSR4 protein

Catalog Number: ATGP1821

## PRODUCT INFORMATION

---

**Expression system**

E.coli

**Domain**

24-144aa

**UniProt No.**

P51571

**NCBI Accession No.**

NP\_006271

**Alternative Names**

Translocon-associated protein subunit delta, TRAPD

## PRODUCT SPECIFICATION

---

**Molecular Weight**

16.1 kDa (144aa)

**Concentration**

1mg/ml (determined by Bradford assay)

**Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

**Purity**

> 90% by SDS-PAGE

**Tag**

His-Tag

**Application**

SDS-PAGE, Denatured

**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

---

**Description**

SSR4 is the delta subunit of the translocon-associated protein complex which is involved in translocating proteins across the endoplasmic reticulum membrane. The protein is located in the Xq28 region and is arranged in a compact head-to-head manner with the isocitrate dehydrogenase 3 (NAD+) gamma gene and both genes are driven by a CpG-embedded bidirectional promoter. Alternate splicing results in multiple transcript variants. Recombinant human SSR4 protein, fused to His-tag at N-terminus, was expressed in E. coli.

## Recombinant human SSR4 protein

Catalog Number: ATGP1821

### Amino acid Sequence

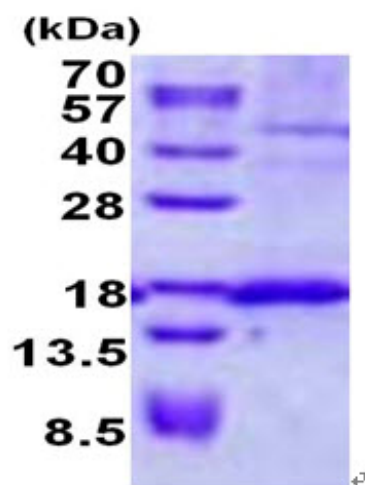
MGSSHHHHHH SSGLVPRGSH MGSEACLEPQ ITPSYTTSD AVISTETVFI VEISLTCKNR VQNMALYADV GGKQFPVTRG  
QDVGRYQVSW SLDHKSAHAG TYEVRFFDEE SYLLRKAQR NNEDISIIPP LFTVSVDHRG TWNG

### General References

Wang,Z., et al. (2004) Melanoma Res. 14 (2), 107-114

## DATA

### SDS-PAGE



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

15% SDS-PAGE (3ug)