# NKMAXBIO We support you, we believe in your research

# Recombinant human SSR2 protein

Catalog Number: ATGP1986

#### **PRODUCT INFORMATION**

#### **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**

## **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**

# **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.



# NKMAXBio We support you, we believe in your research

# **Recombinant human SSR2 protein**

Catalog Number: ATGP1986

## **Amino acid Sequence**

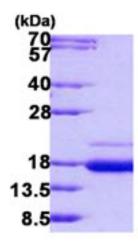
MGSSHHHHHH SSGLVPRGSH MGSEEGARLL ASKSLLNRYA VEGRDLTLQY NIYNVGSSAA LDVELSDDSF PPEDFGIVSG MLNVKWDRIA PASNVSHTVV LRPLKAGYFN FTSATITYLA QEDGPVVIGS TSAPGQGGIL AQREFDRRFS PHFLD

#### **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**

#### **SDS-PAGE**



15% SDS-PAGE (3ug)

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

