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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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Amino acid Sequence

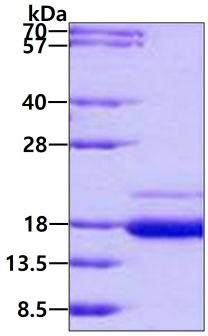
<MGSSHHHHHH SSGLVPRGSH MGS>EEGARLL ASKSLLNRYA VEGRDLTLQY NIYNVGSSAA LDVELSDDSF PPEDFGIVSG MLNVKWDRIA PASNVSHTVV LRPLKAGYFN FTSATITYLA QEDGPVVIGS TSAPGQGGIL AQREFDRRFS PHFLD

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



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