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AR50810PU-S Human SSR2 / TRAPB (18-149, His-tag) - Purified

Alternate names: SSR-beta, Signal sequence receptor subunit beta, TLAP, TRAP-beta, Translocon-associated protein subunit beta

Quantity: 0.1 mg

Concentration: 0.5 mg/ml (determined by Bradford assay)

Background: 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.

Uniprot ID: P43308

NCBI: NP_003136

GeneID: 6746

Species: Human

Source: E. coli

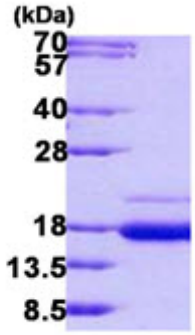
Format:
State: Liquid purified protein
Purity: >90% by SDS - PAGE
Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl

Description: Recombinant human SSR2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
AA Sequence:
MGSSHHHHHH SSGLVPRGSH MGSEEGARLL ASKSLLNRYA VEGRDLTLQY NIYNVGSSAA LDVELSDDSF PPEDFGIVSG MLNVKWDRIA PASNVSHTVV LRPLKAGYFN FTSATITYLA QEDGPVVIGS TSAPGQGGIL AQREFDRRFS PHFLD
Molecular weight: 16.8 kDa (155aa) confirmed by MALDI-TOF

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings: Chinen K. et al. (1995) Cytogenet Cell Genet. 70:215-217.Tajima S. et al. (1986) J Cell Biol. 103:1167-1178.

Pictures:



15% SDS-PAGE (3ug)