

32-4966: Recombinant Human Signal Sequence Receptor, Alpha

Alternative Name : Signal Sequence Receptor Alpha, Translocon-Associated Protein Alpha, SSR Alpha Subunit, TRAP-alpha, TRAPA.

Description

Source : Escherichia Coli. SSR1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain topological domain containing 209 amino acids (22-207 a.a) and having a molecular mass of 23.1kDa. SSR1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. SSR is a glycosylated endoplasmic reticulum (ER) membrane receptor involved in protein translocation across the ER membrane. SSR is formed of 2 subunits, a 34-kD glycoprotein encoded by this gene and a 22-kD glycoprotein. SSR gene creates a number of mRNA species due to complex alternative polyadenylation. SSR is unique since it exploits arrays of polyA signal sequences which are mostly non-canonical.

Product Info

Amount : 10 µg
Purification : "Greater than 90.0% as determined by SDS-PAGE."
Content : SSR1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 20% glycerol.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.
Amino Acid : MGSSHHHHHH SGLVPRGSH MGSRGGPRGL LAVAQDLTED EETVEDSIIE DEDDEAEVEE
DEPTDLVEDK EEEDVSGEPE ASPSADTTIL FVKGEDFPAN NIVKFLVGFT NKGTEDFIVE SLDASFRYPQ
DYQFYIQNFT ALPLNTVPPP QRQATFEYSF IPAEPMGGRP FGLVINLNYK DLNGNVFQDA VFNQTVTIVIE
REDGLDGET