
Product Data Sheet

Product Name: SSR1 Human
 Cat. No.: GP24704
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Signal Sequence Receptor Alpha; Translocon-Associated Protein Alpha; SSR Alpha Subunit; TRAP-alpha; TRAPA.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSRRGGPRGL LAVAQDLTED EETVEDSIIE DEDDEAEVEE DEPTDLVEDKEEEDVSGEPE ASPSADTTIL FVKGEDFPAN NIVKFLVGFT NKGTEDFIVE SLDASFRYPQ DYQFYIQNFTALPLNTVVPP QRQATFEYSF IPAEPMGGRP FGLVINLNYK DLNGNVFQDA VFNQTVTVIE REDGLDGET		
Formulation	SSR1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 20% glycerol.		

Introduction

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.

Stability

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.

Background

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 &

Caution: Product has not been fully validated for medical applications. For research use only.

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purified by proprietary chromatographic techniques.

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