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## Product Data Sheet

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Product Name: SRP19 Human  
 Cat. No.: GP24701  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Signal recognition particle 19kDa protein; SRP19.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMACAAAR SPADQDRFIC IYPAYLNNKK TIAEGRRIPi SKAVENPTAT EIQDVCSAVG LNVFLEKNKM YSREWNRDVQ YRGRVVRVQLK QEDGSLCLVQ FPSRKSVMly AAEMIPKLKT RTQKTGGADQ SLQQGEGSKK GKGKkkk.		
Formulation	The SRP19 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 50% glycerol and 2mM DTT.		

### Introduction

Signal recognition particle 19kDa protein (SRP19) is a member of the SRP19 family. SRP19 binds directly to 7S RNA and mediates binding of the 54 kDa subunit of the SRP.

### 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). Avoid multiple freeze-thaw cycles.

### Background

SRP19 Human Recombinant fused with a 23 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 167 amino acids (1-144 a.a.) and having a molecular mass of 18.5kDa. The SRP19 is purified by proprietary chromatographic techniques.

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

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