

Signal Recognition Particle 19kDa Human Recombinant

Item Number	rAP-4793
Synonyms	Signal recognition particle 19kDa protein, SRP19.
Description	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.
Uniprot Accession Number	P09132
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMACAAAR SPADQDRFIC IYPAYLNNKK TIAEGRRIPi SKAVEN-PTAT EIQDVCSAVG LNVFLEKNKM YSREWNRDVQ YRGRV RVQLK QEDGSLCLVQ FPSRKSVMLY AAEMIPKLKT RTQKTGGADQ SLQQGEGSKK GKGGKKK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The SRP19 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 50% glycerol and 2mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**