

Signal Recognition Particle 14kDa Human Recombinant

Item Number	rAP-4791
Synonyms	Signal recognition particle 14 kDa protein, SRP14, 18 kDa Alu RNA-binding protein, ALURBP, MGC14326.
Description	SRP14 Human Recombinant fused with a 24 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 160 amino acids (1-136 a.a.) and having a molecular mass of 17.1kDa. The SRP14 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P37108
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMVLLES EQFLTELTRL FQKCR TSGSV YITLKKYDGR TKPIP-KKGTVEGFEPADNKC LLRATDGKKK ISTVVSSKEV NKFQMAYSNL LRANMDGLKK RDKKNKTKKT KAAAAAAAAA PAAAAATAATT AATTAATAAQ.
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 SRP14 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT. Greater than 85.0% 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**