9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-4961: Recombinant Human Signal Recognition Particle 14kDa

Alternative Name : Signal recognition particle 14 kDa protein,SRP14,18 kDa Alu RNA-binding protein,ALURBP,MGC14326.

Description

Source : Escherichia Coli. 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. SRP14 is a ribonucleoprotein complex which mediates the directing of proteins to the endoplasmic reticulum. The 'Alu domain' of SRP is comprised of the heterodimer of the SRP9 and SRP14 proteins that are bound to the 5' and 3' terminal sequences of SRP RNA. SRP9/14 binding may be critical to the transcription, maturation, nucleolus localization and transport of SRP RNA.

Product Info

Amount :	20 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	The SRP14 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
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).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSHMVLLES EQFLTELTRL FQKCRTSGSV YITLKKYDGR TKPIPKKGTV EGFEPADNKC LLRATDGKKK ISTVVSSKEV NKFQMAYSNL LRANMDGLKK RDKKNKTKKT KAAAAAAAAA PAAAATAATT AATTAATAAQ.