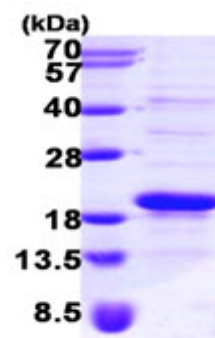


AR09739PU-L

Human SRP14 (1-136, His-tag) - Purified

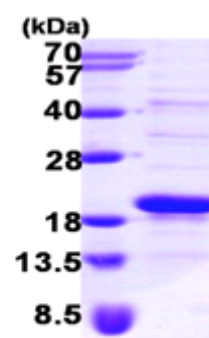
Alternate names:	18 kDa Alu RNA-binding protein, ALURBP, Signal recognition particle 14 kDa protein
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	SRP14 is a ribonucleoprotein complex that mediates the targeting of proteins to the endoplasmic reticulum. The "Alu domain" of SRP comprises the heterodimer of the SRP9 and SRP14 proteins, which are bound to the 5' and 3' terminal sequences of SRP RNA. SRP9/14 binding may be crucial to the transcription, maturation, nucleolus localization and transport of SRP RNA.
Uniprot ID:	P37108
NCBI:	NP_003125
GeneID:	6727
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT
Description:	Recombinant human SRP14 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSHMVLLS EQFLTELTRL FQKCRSGSV YITLKKYDGR TKPIPKKGTV EGFEPADNKC LLRATDGKKK ISTVVSSKEV NKFQMAYSNL LRANMDGLKK RDKKNKTKKT KAAAAAAAAA PAAAAATAATT AATTAATAAQ Molecular weight: 17.1 kDa (160aa) confirmed by MALDI-TOF (molecular size on SDS-PAGE will appear higher).
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human SRP14, 1-136aa, His-tagged



15% SDS-PAGE (3ug)