

## Product datasheet for **AR09739PU-N**

### SRP14 (1-136, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	SRP14 (1-136, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SGLVPRGSH</u> <u>MGSHMVLLES</u> EQFLTELTRL FQKCR TSGSV YITLKKYDGR TKPIPKKGT VEGFEPADNKC LLRATDGKKK ISTVSSKEV NKFQMAYSNL L RANMDGLKK RDKKNKTKKT KAAAAAAAAA PAAAAATAATT AATTAATAAQ
Tag:	His-tag
Predicted MW:	17.1 kDa
Concentration:	lot specific
Purity:	>85%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SRP14 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001296363</u>
Locus ID:	6727
Cytogenetics:	15q15.1
Synonyms:	ALURBP
Summary:	Signal-recognition-particle assembly has a crucial role in targeting secretory proteins to the rough endoplasmic reticulum membrane. SRP9 together with SRP14 and the Alu portion of the SRP RNA, constitutes the elongation arrest domain of SRP. The complex of SRP9 and SRP14 is required for SRP RNA binding.[UniProtKB/Swiss-Prot Function]



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Protein Pathways: Protein export

### Product images:

