

## Product datasheet for **TP321573L**

### SRP9 (NM\_003133) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human signal recognition particle 9kDa (SRP9), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221573 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MPQYQTWEEFSRAAEKLYLADPMKARVWLKYRHSDGNLCVKVTDDLVLVYKTDQAQDVKKIEKFHSQLM RLMVAKEARNVTMETE
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	9.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_003124</a>
Locus ID:	6726
UniProt ID:	<a href="#">P49458</a>
RefSeq Size:	1524



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Cytogenetics: 1q42.12

RefSeq ORF: 258

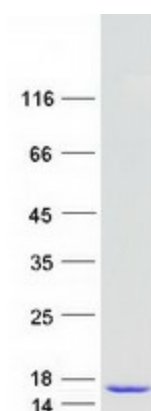
Synonyms: ALURBP

**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]

**Protein Families:** Druggable Genome

**Protein Pathways:** Protein export

### Product images:



Coomassie blue staining of purified SRP9 protein (Cat# [TP321573]). The protein was produced from HEK293T cells transfected with SRP9 cDNA clone (Cat# [RC221573]) using MegaTran 2.0 (Cat# [TT210002]).