

Product datasheet for **TP303212L**

SRP14 (NM_003134) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human signal recognition particle 14kDa (homologous Alu RNA binding protein) (SRP14), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203212 representing NM_003134 Red =Cloning site Green =Tags(s)
	 MVLLESEQFLTELTRLFQKCRITSGSVYITLKKYDGRTPKIPKKGTVVEGFEPADNKCLLRATDGGKKISTV VSSKEVNKFQMAYSNLLRANMDGLKRRDKKNKTKKTKAAAAAAAAAPAAAATAPTTAATTAATAAQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	14.4 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:	NP_003125
Locus ID:	6727
UniProt ID:	P37108
RefSeq Size:	800



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Cytogenetics: 15q15.1

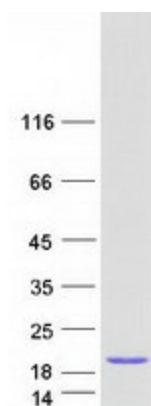
RefSeq ORF: 408

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 Pathways: Protein export

Product images:



Coomassie blue staining of purified SRP14 protein (Cat# [TP303212]). The protein was produced from HEK293T cells transfected with SRP14 cDNA clone (Cat# [RC203212]) using MegaTran 2.0 (Cat# [TT210002]).