

Product datasheet for **TP500415**

Srp14 (NM_009273) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse signal recognition particle 14 (Srp14), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200415 protein sequence Red =Cloning site Green =Tags(s)
	 MVLLESEQFLTELTRLFQKCRSSGSVFITLKKYDGRTPKIPRKSSVEGLEPAENKCLLRATDGKRKISTV VSSKEVNKFQMAYSNLLRANMDGLKKRDKNKSKSKPAQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	12.5 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
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 after receiving vials.
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_033299
Locus ID:	20813
UniProt ID:	P16254
RefSeq Size:	790
Cytogenetics:	2 E5
RefSeq ORF:	333



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Synonyms: 14kDa; AW536328

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]