

Recombinant Mouse Srp14 Protein, Myc/DDK-tagged

Cat. No. Srp14-6128M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length signal recognition particle 14 (Srp14), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	12.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Srp14 signal recognition particle 14 [Mus musculus (house mouse)]
Official Symbol	Srp14
Synonyms	Srp14; signal recognition particle 14; 14kD; 14kDa; AW536328; signal recognition particle 14 kDa protein; (homologous Alu RNA binding protein); homologous Alu RNA-binding protein
Gene ID	20813
mRNA Refseq	NM_009273
Protein Refseq	NP_033299
UniProt ID	P16254

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