

Product datasheet for PH303212

SRP14 (NM_003134) Human Mass Spec Standard

Product data:

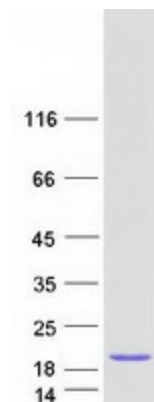
Product Type:	Mass Spec Standards
Description:	SRP14 MS Standard C13 and N15-labeled recombinant protein (NP_003125)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203212
Predicted MW:	14.4 kDa
Protein Sequence:	<p>>RC203212 representing NM_003134</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MVLLSEQFLTELTRLFQKCRITSGSVYITLKKYDGRTPKIPKKGTVGEFEPADNKCLLRATDGKKKISTV VSSKEVNKFQMAYSNLLRANMDGLKKRDKNKTKKTKAAAAAAAAAPAAATAPTTAATTAATAAQ</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003125
RefSeq Size:	800
RefSeq ORF:	408
Synonyms:	ALURBP
Locus ID:	6727
UniProt ID:	P37108
Cytogenetics:	15q15.1


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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]).