

Product datasheet for PH321573

SRP9 (NM_003133) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SRP9 MS Standard C13 and N15-labeled recombinant protein (NP_003124)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221573
Predicted MW:	10.1 kDa
Protein Sequence:	>RC221573 protein sequence Red =Cloning site Green =Tags(s) MPQYQTWEEFSRAAEKLYLADPMKARVVLKYRHS DGNLCVKVTDL VCLVYKTDQAQDVKKIEKFHSQLM RLMVAKEARNVTMETE TR TRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_003124
RefSeq Size:	1524
RefSeq ORF:	258
Synonyms:	ALURBP
Locus ID:	6726
UniProt ID:	P49458
Cytogenetics:	1q42.12



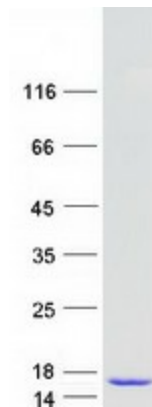
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Summary: Signal-recognition-particle assembly has a crucial role in targeting secretory proteins to the rough endoplasmic reticulum membrane. SRP9 together with SRP14 and the Alu portion of the SRP RNA, constitutes the elongation arrest domain of SRP. The complex of SRP9 and SRP14 is required for SRP RNA binding.[UniProtKB/Swiss-Prot Function]

Protein 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]).