

Product datasheet for PH305113

SNRPG (NM_003096) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SNRPG MS Standard C13 and N15-labeled recombinant protein (NP_003087)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205113
Predicted MW:	8.5 kDa
Protein Sequence:	>RC205113 protein sequence Red=Cloning site Green=Tags(s) MSKAHPPELKKFMDKKLSLKLNGGRHVQGILRGFDPFMNLVIDECVEMATSGQQNNIGMVVIRGNSIIML EALERV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_003087
RefSeq Size:	606
RefSeq ORF:	228
Synonyms:	Sm-G; SMG
Locus ID:	6637
UniProt ID:	P62308
Cytogenetics:	2p13.3



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Summary:

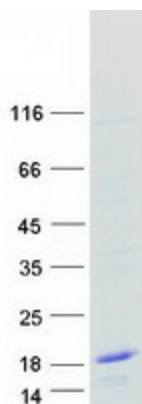
The protein encoded by this gene is a component of the U1, U2, U4, and U5 small nuclear ribonucleoprotein complexes, precursors of the spliceosome. The encoded protein may also be a part of the U7 small nuclear ribonucleoprotein complex, which participates in the processing of the 3' end of histone transcripts. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]

Protein Families:

Druggable Genome

Protein Pathways:

Spliceosome

Product images:

Coomassie blue staining of purified SNRPG protein (Cat# [TP305113]). The protein was produced from HEK293T cells transfected with SNRPG cDNA clone (Cat# [RC205113]) using MegaTran 2.0 (Cat# [TT210002]).