

Product datasheet for PH310556

SNRPE (NM_003094) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SNRPE MS Standard C13 and N15-labeled recombinant protein (NP_003085)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210556
Predicted MW:	10.6 kDa
Protein Sequence:	>RC210556 representing NM_003094 Red=Cloning site Green=Tags(s) MAYRGQGQKVKVMVQPINLIFRYLQNRSRIQVWLYEQVMRIEGCIIGFDEYMNLVLDDAEEIHSKTKS RKQLGRIMLKGDNITLLQSVSN 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_003085
RefSeq Size:	1593
RefSeq ORF:	276
Synonyms:	HYPT11; Sm-E; SME; snRNP-E
Locus ID:	6635
UniProt ID:	P62304
Cytogenetics:	1q32.1



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Summary:

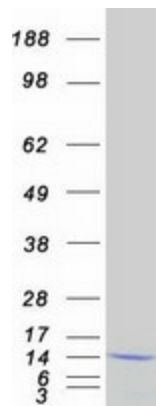
The protein encoded by this gene is a core component of U small nuclear ribonucleoproteins, which are key components of the pre-mRNA processing spliceosome. The encoded protein plays a role in the 3' end processing of histone transcripts. This protein is one of the targets in the autoimmune disease systemic lupus erythematosus, and mutations in this gene have been associated with hypotrichosis. Several pseudogenes of this gene have been identified. [provided by RefSeq, Jun 2016]

Protein Families:

Stem cell - Pluripotency

Protein Pathways:

Spliceosome

Product images:

Coomassie blue staining of purified SNRPE protein (Cat# [TP310556]). The protein was produced from HEK293T cells transfected with SNRPE cDNA clone (Cat# [RC210556]) using MegaTran 2.0 (Cat# [TT210002]).