

Product datasheet for **AR09951PU-N**

snRNP-G / Sm-G (1-76, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	snRNP-G / Sm-G (1-76, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MSKAHPPELK KFMDKKLSLK LNGGRHVQGI LRGFDPFMNLVIDECVEMAT SGQQNNIGMV VIRGNSIIML EALERV
Tag:	His-tag
Predicted MW:	10.6 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified peptide Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 50% glycerol, 0.1M NaCl
Preparation:	Liquid purified peptide
Protein Description:	Recombinant human SNRPG, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001304094</u>
Locus ID:	6637
UniProt ID:	<u>C9JVQ0</u>
Cytogenetics:	2p13.3
Synonyms:	SNRPG, Sm protein G, PBSCG



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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: