

---

## Product Data Sheet

---

Product Name: SNRPC Human  
 Cat. No.: GP24639  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	U1 small nuclear ribonucleoprotein C; U1 snRNP C; U1-C; U1C; SNRPC; Yhc1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMPKFYCD YCDTYLTHDS PSVRKTHCSG RKHKENVKDY YQKWMEEQAQ SLIDKTAAF QQGKIPPTPF SAPPAGAMI PPPPSLPGPP RPGMMPAPHM GGPPMMPMMG PPPPGMMPVG PAPGMRPPMG GHMPMMPGPP MMRPPARPMV VPTRPGMTRP DR.		
Formulation	SNRPC protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 50% glycerol, 0.3M NaCl, 5mM DTT and 2mM EDTA.		

### Introduction

SNRPC is a member of the U1 small nuclear ribonucleoprotein C family. The SNRPC protein component of the U1 small nuclear ribonucleoprotein (snRNP) particle required for the formation of the spliceosome. SNRPC participates in the processing of nuclear precursor messenger RNA splicing. snRNP particles are tackled by autoantibodies frequently produced by patients with connective tissue diseases.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

SNRPC Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 182 amino acids (1-159 a.a.) and having a molecular mass of 19.8kDa (Molecular weight on SDS-PAGE will appear higher). SNRPC is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

---

## Product Data Sheet

---

**Caution: Product has not been fully validated for medical applications. For research use only.**

**Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com**

**Address: 10292 Central Ave. #205, Montclair, CA, USA**