

Recombinant Human SNRPC, His-tagged

Cat. No. SNRPC-30605TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SNRPC with an N terminal His tag; 182 aa; 19.8kDa, inclusive of tag.
Species	Human
Source	E.coli
ProteinLength	159 amino acids
Description	This gene encodes one of the specific protein components of the U1 small nuclear ribonucleoprotein (snRNP) particle required for the formation of the spliceosome. The encoded protein participates in the processing of nuclear precursor messenger RNA splicing. snRNP particles are attacked by autoantibodies frequently produced by patients with connective tissue diseases. The genome contains several pseudogenes of this functional gene. Alternative splicing results in a non-coding transcript variant.
Conjugation	HIS
Molecular Weight	19.800kDa inclusive of tags
Form	Liquid
Purity	by SDS-PAGE
Storage buffer	pH: 8.00 Constituents: 0.32% Tris HCl, 50% Glycerol, 1.75% Sodium chloride, 0.08%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	DTT, 5.84% EDTA
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHSSGLVPRGSHMGSMKPYCDYCDTYLTHDS PSVRKTHCSGRKHK ENVKDYYQKWMEEQAQSLIDKTTAAF QQGIPTPFSAPPPAGAMIPPPSLPGPP RPGMMPAPHM GGPPMMPMMGPPPPGMMPVGPAPGMRPPMGGHMPMMPG PP MMRPPARPMMPVTRPGMTRPDR
Sequence Similarities	Belongs to the U1 small nuclear ribonucleoprotein C family. Contains 1 matrin-type zinc finger.

GENE INFORMATION

Gene Name	SNRPC small nuclear ribonucleoprotein polypeptide C [Homo sapiens]
Official Symbol	SNRPC
Synonyms	SNRPC; small nuclear ribonucleoprotein polypeptide C; U1 small nuclear ribonucleoprotein C; U1 C; Yhc1;
Gene ID	6631
mRNA Refseq	NM_003093
Protein Refseq	NP_003084
MIM	603522
Uniprot ID	P09234

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Chromosome Location	6p21
Pathway	Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, U1-snRNP, organism-specific biosystem;
Function	RNA binding; NOT U1 snRNA binding; metal ion binding; nucleic acid binding; protein binding;

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