

## Product datasheet for AR50148PU-N

## OriGene Technologies, Inc.

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## snRNP-C / SNRPC (1-159, His-tag) Human Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** snRNP-C / SNRPC (1-159, His-tag) human recombinant protein, 50 μg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMPKFYCD YCDTYLTHDS PSVRKTHCSG RKHKENVKDY YQKWMEEQAQ SLIDKTTAAF QQGKIPPTPF SAPPPAGAMI PPPPSLPGPP RPGMMPAPHM

GGPPMMPMMG PPPPGMMPVG PAPGMRPPMG GHMPMMPGPP MMRPPARPMM

VPTRPGMTRP DR

Tag: His-tag
Predicted MW: 19.8 kDa
Concentration: lot specific

Purity: >85% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 50% glycerol, 0.3M NaCl, 5 mM DTT,

2 mM EDTA

**Preparation:** Liquid purified protein

**Protein Description:** Recombinant human SNRPC protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography.

**Storage:** Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.

**RefSeq:** <u>NP 003084</u>

Locus ID: 6631

UniProt ID: <u>P09234</u>, <u>Q5TAL4</u>

**Cytogenetics:** 6p21.31 **Synonyms:** U1C; Yhc1





Summary: This gene encodes one of the specific protein components of the U1 small nuclear

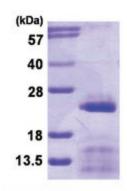
ribonucleoprotein (snRNP) particle required for the formation of the spliceosome. The encoded protein participates in the processing of nuclear precursor messenger RNA splicing. snRNP particles are attacked by autoantibodies frequently produced by patients with connective tissue diseases. The genome contains several pseudogenes of this functional gene. Alternative splicing results in a non-coding transcript variant.[provided by RefSeq, Oct

2009]

**Protein Families:** Stem cell - Pluripotency

**Protein Pathways:** Spliceosome

## **Product images:**



15% SDS-PAGE (3ug)