

Product datasheet for AR50148PU-S

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, 10 μg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence: YQKWMEEQAQ SLIDKTTAAF QQGKIPPTPF SAPPPAGAMI PPPPSLPGPP RPGMMPAPHM

GGPPMMPMMG PPPPGMMPVG PAPGMRPPMG GHMPMMPGPP MMRPPARPMM

MGSSHHHHHH SSGLVPRGSH MGSMPKFYCD YCDTYLTHDS PSVRKTHCSG RKHKENVKDY

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





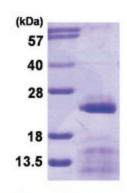
Summary:

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)