

Product information

SNRPC, 1-159aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1323

Full name: U1 small nuclear ribonucleoprotein C

NCBI Accession No.: NP_003084

Synonyms: U1C, Yhc1

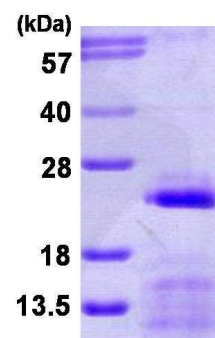
Description: SNRPC belongs to the U1 small nuclear ribonucleoprotein C family. This protein component of the U1 small nuclear ribonucleoprotein (snRNP) particle required for the formation of the spliceosome. This protein participates in the processing of nuclear precursor messenger RNA splicing. snRNP particles are attacked by autoantibodies frequently produced by patients with connective tissue diseases. Recombinant human SNRPC protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol,
0.3M NaCl, 5mM DTT, 2mM EDTA

Molecular Weight: 19.8 kDa (182aa) confirmed by MALDI-TOF
(Molecular weight on SDS-PAGE will appear higher)

Purity: > 85% by SDS - PAGE

Concentration: 0.25 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSMPKFYCD YCDTYLTHDS PSVRKTHCSG RKHKENVKDY YQKWMEEAQ SLIDKTTAAF QQGKIPPTPF
SAPPPAGAMI PPPPSLPGPP RPGMMPAPHM GGPPMMPMMG PPPGMPMPVG PAPGMRPPMG GHMPMPMPGPP MMRPPARPMV VPTRPGMTRP
DR

General references:

Sillekens P.T.G., *et al.* (1988) *Nucleic Acids Res.* 16:8307-8321

Muto Y., *et al.* (2004) *J. Mol. Biol.* 341:185-198

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.