

32-4899: Recombinant Human Small Nuclear Ribonucleoprotein Polypeptide C

Alternative Name : U1 small nuclear ribonucleoprotein C,U1 snRNP C,U1-C,U1C,SNRPC,Yhc1.

Description

Source : Escherichia Coli. 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. 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.

Product Info

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| Amount : | 5 µg |
| Purification : | Greater than 85% as determined by SDS-PAGE. |
| Content : | SNRPC protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 50% glycerol, 0.3M NaCl, 5mM DTT and 2mM EDTA. |
| Storage condition : | 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. |
| Amino Acid : | MGSSHHHHHH SGLVPRGSH MGSMPKFYCD YCDTYLTHDS PSVRKTHCSG RKHKENVKDY YQKWMEEAQ SLIDKTAAF QQKIPPTPF SAPPAGAMI PPPSLPGPP RPGMMPAPHM GGPPMPPMMG PPPPGMMPVG PAPGMRPPMG GHMPMMPGPP MMRPPARPM VTRPGMTRP DR. |

