

## Product datasheet for TP501213

### Snrpc (NM\_011432) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse U1 small nuclear ribonucleoprotein C (Snrpc), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression:** HEK293T

**Host:**

**Expression:** >MR201213 protein sequence

**cDNA Clone or AA Sequence:** Red=Cloning site Green=Tags(s)

MPKFYCDYCDTYLTHDSPSVRKTHCSGRKHKENVKDYQKWMEEQAQSLIDKTTAAAFQQGKIPPAPFSAP  
PPAGAMIPPPPSLPGPPRPGMMPAPHMGGPPMMPMMGPPPPGMMPVGPAPGMRPPMGGHMPMMPGPPMMR  
PPARPMMVPTRPGMTRPDR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-MYC/DDK

**Predicted MW:** 17.4 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C after receiving vials.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_035562](#)

**Locus ID:** 20630

**UniProt ID:** [Q62241](#), [Q569X3](#)

**RefSeq Size:** 775



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**Cytogenetics:** 17 A3.3

**RefSeq ORF:** 480

**Synonyms:** Snrp1c; U1-C; U1C

**Summary:** Component of the spliceosomal U1 snRNP, which is essential for recognition of the pre-mRNA 5' splice-site and the subsequent assembly of the spliceosome. SNRPC/U1-C is directly involved in initial 5' splice-site recognition for both constitutive and regulated alternative splicing. The interaction with the 5' splice-site seems to precede base-pairing between the pre-mRNA and the U1 snRNA. Stimulates commitment or early (E) complex formation by stabilizing the base pairing of the 5' end of the U1 snRNA and the 5' splice-site region.[UniProtKB/Swiss-Prot Function]