U1 Small Nuclear Ribonucleoprotein C (SNRPC) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	U1 small nuclear ribonucleoprotein C (Snrpc), Recombinant Protein
Full Product Name	Recombinant Mouse U1 small nuclear ribonucleoprotein C (Snrpc)
Product Gene Name	Snrpc recombinant protein
Product Synonym Gene Name	Snrpc
Sequence	MPKFYCDYCD TYLTHDSPSV RKTHCSGRKH KENVKDYYQK WMEEQAQSLI DKTTAAFQQG KIPPAPFSAP PPAGAMIPPP PSLPGPPRPG MMPAPHMGGP PMMPMMGPPP PGMMPVGPAP GMRPPMGGHM PMMPGPPMMR PPARPMMVPT RPGMTRPDR
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	17,364 Da
Sequence Positions	1-159, full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q62241
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Snrpc recombinant protein	MBS1314466 is a recombinant protein targeting Snrpc. Also known as Recombinant Mouse U1 small nuclear ribonucleoprotein C (Snrpc). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Snrpc recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Snrpc. It may not necessarily be applicable to this product.

NCBI GI #	6755596
NCBI GeneID	20630
NCBI Accession #	NP_035562.1
UniProt Primary Accession #	Q62241
UniProt Related Accession #	Q62241
GenBank Nucleotide #	NM_011432.2

NCBI Official Full Name	U1 small nuclear ribonucleoprotein C
NCBI Official Synonym Full Names	U1 small nuclear ribonucleoprotein C
NCBI Official Symbol	Snrpc
NCBI Official Synonym Symbols	U1C; U1-C; Snrp1c
UniProt Protein Name	U1 small nuclear ribonucleoprotein C
UniProt Gene Name	Snrpc
UniProt Synonym Gene Names	U1 snRNP C; U1-C; U1C
NCBI Protein Information	U1 small nuclear ribonucleoprotein C
UniProt Comments for Snrpc	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.
Research Articles on Snrpc	**1.** these studies establish potentially converging disease mechanisms in amyotrophic lateral sclerosis (ALS) and spinal muscular atrophy, with ALS-causative mutants acquiring properties representing both gain and loss of function.
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