Small Nuclear Ribonucleoprotein F (SNRPF) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Small nuclear ribonucleoprotein F (SNRPF), Recombinant Protein
Full Product Name	Recombinant Bovine Small nuclear ribonucleoprotein F (SNRPF)
Product Gene Name	SNRPF recombinant protein
Product Synonym Gene Name	SNRPF
Sequence	SLPLNPKPFL NGLTGKPVMV KLKWGMEYKG YLVSVDGYMN MQLANTEEYI DGALSGHLGE VLIRCNNVLY IRGVEEEEED GEMRE
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	9,725 Da
Sequence Positions	2-86, 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 Q3T0Z8
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SNRPF recombinant protein	MBS1466965 is a recombinant protein targeting SNRPF. Also known as Recombinant Bovine Small nuclear ribonucleoprotein F (SNRPF). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SNRPF 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 SNRPF. It may not necessarily be applicable to this product.

NCBI GI #	303324598
NCBI GeneID	615240
NCBI Accession #	NP_001181956.1
UniProt Primary Accession #	Q3T0Z8
UniProt Related Accession #	Q3T0Z8
GenBank Nucleotide #	NM_001195027.1

NCBI Official Full Name	small nuclear ribonucleoprotein F
NCBI Official Synonym Full Names	small nuclear ribonucleoprotein polypeptide F
NCBI Official Symbol	SNRPF
NCBI Official Synonym Symbols	SmF; Sm-F; snRNP-F
UniProt Protein Name	Small nuclear ribonucleoprotein F
UniProt Synonym Protein Names	Sm protein F; Sm-F; SmF
UniProt Gene Name	SNRPF
UniProt Synonym Gene Names	snRNP-F; Sm-F; SmF
NCBI Protein Information	small nuclear ribonucleoprotein F
UniProt Comments for SNRPF	Core component of the spliceosomal U1, U2, U4 and U5 small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome. Thereby, plays an important role in the splicing of cellular pre-mRNAs. Most spliceosomal snRNPs contain a common set of Sm proteins SNRPB, SNRPD1, SNRPD2, SNRPD3, SNRPE, SNRPF and SNRPG that assemble in a heptameric protein ring on the Sm site of the small nuclear RNA to form the core snRNP. As part of the U7 snRNP it is involved in histone 3'-end processing ().
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