Small Nuclear Ribonucleoprotein Sm D2 (SNRPD2) Pig Recombinant Protein

PRODUCT OVERVIEW

Product Name	Small nuclear ribonucleoprotein Sm D2 (SNRPD2), Recombinant Protein
Full Product Name	Recombinant Pig Small nuclear ribonucleoprotein Sm D2 (SNRPD2)
Product Gene Name	SNRPD2 recombinant protein
Product Synonym Gene Name	SNRPD2
Sequence	SLLNKPKSEM TPEELQKREE EEFNTGPLSV XTQSXKTXTQ VLINCRNTK
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	5,743 Da
Sequence Positions	2-50, 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 Q29329
Species	Sus scrofa (Pig)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SNRPD2 recombinant protein	This protein belongs to the small nuclear ribonucleoprotein core protein family. It is required for pre-mRNA splicing and small nuclear ribonucleoprotein biogenesis. Multiple transcript variants encoding different isoforms have been found for this gene.
Other Notes	Small volumes of SNRPD2 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.
Searchable Terms for SNRPD2 purchase	MBS1352623 is a recombinant protein targeting SNRPD2. Also known as Recombinant Pig Small nuclear ribonucleoprotein Sm D2 (SNRPD2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SNRPD2. It may not necessarily be applicable to this product.

NCBI GI #	2833357
NCBI GeneID	100626720
NCBI Accession #	Q29329.1
UniProt Primary Accession #	Q29329

UniProt Related Accession #	Q29329
NCBI Official Full Name	Small nuclear ribonucleoprotein Sm D2
NCBI Official Symbol	SNRPD2
NCBI Official Synonym Symbols	Sm-D2
UniProt Protein Name	Small nuclear ribonucleoprotein Sm D2
UniProt Synonym Protein Names	snRNP core protein D2
Protein Family	Probable small nuclear ribonucleoprotein
UniProt Gene Name	SNRPD2
UniProt Synonym Gene Names	Sm-D2
NCBI Protein Information	small nuclear ribonucleoprotein Sm D2
UniProt Comments for SNRPD2	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 ().
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