Serine/Arginine-Rich Splicing Factor 2 (SRSF2) Pan Troglodytes Recombinant Protein

PRODUCT OVERVIEW

Product Name	Serine/arginine-rich splicing factor 2 (SRSF2), Recombinant Protein
Full Product Name	Recombinant Pan troglodytes Serine/arginine-rich splicing factor 2 (SRSF2)
Product Gene Name	SRSF2 recombinant protein
Product Synonym Gene Name	SRSF2
Sequence	SYGRPPPDVE GMTSLKVDNL TYRTSPDTLR RVFEKYGRVG DVYIPRDRYT KESRGFAFVR FHDKRDAEDA MDAMDGAVLD GRELRVQMAR YGRPPDSHHS RRGPPPRRYG GGGYGRRSRS PRRRRRSRSR SRSRSRSRSR SRYSRSKSRS RTRSRSRSTS KSRSARRSKS KSSSVSRSRS RSRSRSRSRS PPPVSKREPK SRSRSKSPPE SPEEEGAVSS
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	25,487 Da
Sequence Positions	2-221, 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 Q5R1W5
Species	Pan troglodytes (Chimpanzee)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SRSF2 recombinant protein	MBS1330578 is a recombinant protein targeting SRSF2. Also known as Recombinant Pan troglodytes Serine/arginine-rich splicing factor 2 (SRSF2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SRSF2 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 SRSF2. It may not necessarily be applicable to this product.

NCBI GI #	77627748
NCBI GeneID	619467
NCBI Accession #	NP_001029290.1
UniProt Primary Accession #	Q5R1W5
UniProt Related Accession #	Q5R1W5

GenBank Nucleotide #	NM_001034118.1
NCBI Official Full Name	serine/arginine-rich splicing factor 2
NCBI Official Synonym Full Names	serine and arginine rich splicing factor 2
NCBI Official Symbol	SRSF2
NCBI Official Synonym Symbols	SC-35; SFRS2
UniProt Protein Name	Serine/arginine-rich splicing factor 2
UniProt Synonym Protein Names	Splicing component, 35 kDa; Splicing factor SC35; SC-35; Splicing factor, arginine/serine-rich 2
Protein Family	Serine/arginine-rich splicing factor
UniProt Gene Name	SRSF2
UniProt Synonym Gene Names	SFRS2; SC-35
NCBI Protein Information	serine/arginine-rich splicing factor 2
UniProt Comments for SRSF2	Necessary for the splicing of pre-mRNA. It is required for formation of the earliest ATP-dependent splicing complex and interacts with spliceosomal components bound to both the 5'- and 3'-splice sites during spliceosome assembly. It also is required for ATP-dependent interactions of both U1 and U2 snRNPs with pre-mRNA. Interacts with other spliceosomal components, via the RS domains, to form a bridge between the 5'- and 3'-splice site binding components, U1 snRNP and U2AF. Binds to purine-rich RNA sequences, either 5'-AGSAGAGTA-3' (S=C or G) or 5'-GTTCGAGTA-3'. Can bind to beta-globin mRNA and commit it to the splicing pathway. The phosphorylated form (by SRPK2) is required for cellular apoptosis in response to cisplatin treatment ().
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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