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SRSF1 Human, Sf9

Serine/arginine-Rich Splicing Factor 1 Human Recombinant, Sf9
RCP2244

Product Overview

Name	SRSF1 Human, Sf9

Description

Serine/arginine-Rich Splicing Factor 1 Human Recombinant, Sf9

Accession (Primary)	Q07955

Synonyms

SRSF1, ASF, SF2, SF2p33, SFRS1, Splicing Factor, Arginine/Serine-Rich, 30-KD, A, Alternate Splicing Factor, SRp30a, ASF-1, Serine And Arginine Rich Splicing Factor 1, Pre-MRNA-Splicing Factor SF2, P33 Subunit, Splicing Factor, Arginine/Serine-Rich 1, Serine/Arginine-Rich Splicing Factor 1, Alternative-Splicing Factor 1, SR Splicing Factor 1, Splicing Factor 2.

Introduction

Serine/arginine-rich splicing factor 1 (SFRS1) belongs to the arginine/serine-rich splicing factor protein family, and functions in both constitutive and alternative pre-mRNA splicing. SFRS1 binds to pre-mRNA transcripts and components of the spliceosome, and can either initiate or inhibit splicing depending on the position of the pre-mRNA binding site. The ability of SFRS1 to activate splicing is controlled by phosphorylation and interactions with other splicing factor associated proteins.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

SRSF1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 100mM KCl, 1mM DTT, 0.2mM EDTA and 40% Glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

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MSGGGVIRGP AGNNDCRIYV GNLPPDIRTK DIEDVFYKYG AIRDIDLKNR RGGPPFAFVE FEDPRDAEDA VYGRDGYDYD GYRLRVEFPR SGRGTGRGGG GGGGGGAPRG RYGPPSRRSE NRVVVSGLPP SGSWQDLKDH MREAGDVCYA DVYRDGTGVV EFVRKEDMTY AVRKLDNTKF RSHEGETAYI RVKVDGPRSP SYGRSRSRSR SRSRSRSRSN SRSRSYSPRR SRGSPRYSPR HSRSRSRT HH HHHH.

Precautions

SRSF1 Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q07955)