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32-13457: SRSF1 Human, Sf9

Alternative Name :	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.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
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.
SRSF1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 254 amino acids (1-248) and having a molecular mass of 28.5kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa).SRSF1 is fused to 6 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	SRSF1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 100mM KCl, 1mM DTT, 0.2mM EDTA and 40% Glycerol.
Storage condition :	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.
Amino Acid :	MSGGGVIRGP AGNNDCRIYV GNLPPDIRTK DIEDVFYKYG AIRDIDLKNR RGGPPFAFVE FEDPRDAEDA VYGRDGYDYD GYRLRVEFPR SGRGTGRGGG GGGGGGAPRG RYGPPSRRSE NRVVVSGLPP SGSWQDLKDH MREAGDVCYA DVYRDGTGVV EFVRKEDMTY AVRKLDNTKF RSHEGETAYI RVKVDGPRSP SYGRSRSRSR SRSRSRSRSN SRSRSYSPRR SRGSPRYSPR HSRSRSRTHH HHHH.

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