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32-4957: Recombinant Human Serine/arginine-Rich Splicing Factor 1

Alternative Name :	ASF,MGC5228,SF2,SF2p33,SRp30a,Serine/arginine-rich splicing factor 1,SRSF1,splicing factor 1,ASF-1,Splicing factor,arginine/serine-rich 1,pre-mRNA-splicing factor SF2,P33 subunit,OK/SW-cl.3.

Description

Source : Escherichia Coli. SRSF1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 268 amino acids (1-248) and having a molecular mass of 29.9 kDa.SRSF1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The SRSF1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% 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 :	MGSSHHHHHH SSGLVPRGSH 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.

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