Recombinant Human SRSF1, GST-tagged

Cat. No. SRSF1-9928H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SRSF1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-248a.a.
Description	This gene encodes a member of the arginine/serine-rich splicing factor protein family, and functions in both constitutive and alternative pre-mRNA splicing. The protein binds to pre-mRNA transcripts and components of the spliceosome, and can either activate or repress splicing depending on the location of the pre-mRNA binding site. The proteins ability to activate splicing is regulated by phosphorylation and interactions with other splicing factor associated proteins. Multiple transcript variants encoding different isoforms have been found for this gene. In addition, a pseudogene of this gene has been found on chromosome 13.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

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Gene Name	SRSF1 serine/arginine-rich splicing factor 1 [Homo sapiens]
Official Symbol	SRSF1
Synonyms	SRSF1; serine/arginine-rich splicing factor 1; SFRS1, splicing factor, arginine/serine rich 1; alternate splicing factor; ASF; MGC5228; pre mRNA splicing factor SF2; P33 subunit; SF2; SF2p33; splicing factor 2; SR splicing factor 1; SRp30a; ASF-1; alternative-splicing factor 1; splicing factor, arginine/serine-rich 1; pre-mRNA-splicing factor SF2, P33 subunit; SFRS1; FLJ53078;
Gene ID	6426
mRNA Refseq	NM_001078166
Protein Refseq	NP_001071634
MIM	600812
UniProt ID	Q07955
Chromosome Location	17q22
Pathway	Cleavage of Growing Transcript in the Termination Region, organism-specific biosystem; Gene Expression, organism-specific biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; RNA Polymerase II Transcription, organism-specific biosystem; RNA Polymerase II Transcription Termination, organism-specific biosystem;
Function	RNA binding; RS domain binding; nucleotide binding; protein binding;

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