

Active Recombinant Human SRSF1, His-tagged

Cat. No. SRSF1-3067H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SRSF1 is expressed in <i>E. coli</i> with a His tag at N-terminus. Molecular Weight: 29kDa.
Species	Human
Source	E.coli
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.
Reagents Supplied	1x dilution buffer A: 20 mM Tris-Cl (pH 8.0), 20% Glycerol, 100 mM KCl, 0.2 mM EDTA and 1mM DTT.
Quality Control	The purified protein is greater than 95% homogeneous based on SDS-PAGE gel analysis.
Activity	1 unit equals 1 nanogram of purified protein. 1-5 units are sufficient for a gel mobility shift assay in a 20 µl reaction, 100 units are sufficient for a protein-protein interaction assay and 100-500 units are required for a splicing assay in a 20 µl reaction.
Application	Recombinant ASF/SF2 protein can be used for: 1) in vitro function studies including pre-mRNA splicing, cross linking and other RNA binding assays; 2) protein-protein interaction assay; and 3) cell growth and proliferation assays.

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Storage Conditions Store at -80oC.

GENE INFORMATION

Gene Name [SRSF1 serine/arginine-rich splicing factor 1 \[Homo sapiens \]](#)

Synonyms SRSF1; serine/arginine-rich splicing factor 1; ASF-1; SR splicing factor 1; alternative-splicing factor 1; pre-mRNA-splicing factor SF2, P33 subunit; splicing factor 2; splicing factor, arginine/serine-rich 1; ASF; SF2; SFRS1; SF2p33; SRp30a; MGC5228; FLJ53078

Gene ID [6426](#)

mRNA Refseq [NM_001078166](#)

Protein Refseq [NP_001071634](#)

MIM [600812](#)

UniProt ID [Q07955](#)

Chromosome Location 17q22

Pathway Spliceosome; Gene Expression; Transcription; mRNA Processing

Function RNA binding; nucleotide binding; protein binding

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