Active Recombinant Human SRSF1, His-tagged

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

SPECIFICATION

Product Overview	Recombinant HumanSRSF1 is expressed in*E.Coli*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 µreaction, 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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