

Recombinant Human SRSF2

Cat. No. SRSF2-31385TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human SC35 expressed in a baculovirus system; amino acids 2-221, approximately 25kDa.
Species	Human
ProteinLength	2-221 a.a.
Description	The protein encoded by this gene is a member of the serine/arginine (SR)-rich family of pre-mRNA splicing factors, which constitute part of the spliceosome. Each of these factors contains an RNA recognition motif (RRM) for binding RNA and an RS domain for binding other proteins. The RS domain is rich in serine and arginine residues and facilitates interaction between different SR splicing factors. In addition to being critical for mRNA splicing, the SR proteins have also been shown to be involved in mRNA export from the nucleus and in translation. Two transcript variants encoding the same protein and one non-coding transcript variant have been found for this gene. In addition, a pseudogene of this gene has been found on chromosome 11.
Biological activity	1 unit equals 1 nanogram of purified protein.
Form	Liquid
Purity	Immunogen affinity purified
Storage buffer	pH: 8.00 Constituents: 0.00584% EDTA, 0.476% HEPES, 0.0077% DTT, 0.55% Ammonium sulphate, 20% Glycerol

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the splicing factor SR family.Contains 1 RRM (RNA recognition motif) domain.
Full Length	Full L.
GENE INFORMATION	
Gene Name	SRSF2 serine/arginine-rich splicing factor 2 [Homo sapiens]
Official Symbol	SRSF2
Synonyms	SRSF2; serine/arginine-rich splicing factor 2; SFRS2, splicing factor, arginine/serine rich 2; PR264; SC 35; SC35; SFRS2A; SR splicing factor 2;
Gene ID	6427
mRNA Refseq	NM_001195427
Protein Refseq	NP_001182356
MIM	600813
Uniprot ID	Q01130
Chromosome Location	17q25.2
Pathway	Cleavage of Growing Transcript in the Termination Region, organism-specific biosystem; Formation and Maturation of mRNA Transcript, organism-specific

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biosystem; Gene Expression, organism-specific biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem;

Function

RNA binding; nucleic acid binding; nucleotide binding; protein binding; transcription corepressor activity;

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