

Recombinant Human SRSF9 protein, GST-tagged

Cat. No. SRSF9-10H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SRSF9(1-221aa) fused with GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-221 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 pseudogenes, one on chromosome 15 and the other on chromosome 21, have been found for this gene.
Form	1M PBS (58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH8.0), 100 mM GSH and 1% Triton X-100, 15% glycerol.
AA Sequence	MSGWADERGGEGDGRIYVGNLPTDVREKDLEDLFYKYGRIREIELKNRHGLVPFAF VRFEDPRDAEDIAIYGRNGY DYGQCRLRVEFPRTYGGRRGGWPRGGRNGPPTRRS DFRVLVSGLPSPGSWQDLKDHMREAGDVCYADVQKDGVMV EYLRKEDMEYALR KLDDTKFRSHEGETSYIRVYPERSTSYGYSRSRSGSRGRDSPYQSRGSPHYFSPFR

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Storage	Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months. Avoid freeze thaw cycles.
Shipping	The product is shipped with ice packs. Upon receipt, store it immediately at -20 centigrade to -80 centigrade.

GENE INFORMATION

Gene Name	SRSF9 serine/arginine-rich splicing factor 9 [Homo sapiens]
Official Symbol	SRSF9
Synonyms	SFRS9; SRp30c
Gene ID	8683
mRNA Refseq	NM_003769.2
Protein Refseq	NP_003760.1
MIM	601943
UniProt ID	Q13242
Chromosome Location	12q24.31
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

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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;nucleotide binding;

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