Recombinant Human SRSF3

Cat. No. SRSF3-26855TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 1-85 of Human SFRS3 with an N terminal proprietary tag; Predicted MWt 34.98 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	85 amino acids
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, one protein-coding and the other non-coding, have been found for this gene.
Molecular Weight	34.980kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MHRDSCPLDCKVYVGNLGNNGNKTELERAFGYYGPLRSVWVARNPPGFAFVEFED PRDAADAVRELDGRTLCGCRVRVELSNGEK
Sequence Similarities	Belongs to the splicing factor SR family.Contains 1 RRM (RNA recognition motif) domain.

GENE INFORMATION

Gene Name	SRSF3 serine/arginine-rich splicing factor 3 [Homo sapiens]
Official Symbol	SRSF3
Synonyms	SRSF3; serine/arginine-rich splicing factor 3; SFRS3, splicing factor, arginine/serine rich 3; SRp20;
Gene ID	6428
mRNA Refseq	NM_003017
Protein Refseq	NP_003008
MIM	603364
Uniprot ID	P84103
Chromosome Location	6p21
Pathway	Cleavage of Growing Transcript in the Termination Region, organism-specific

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	biosystem; Formation and Maturation of mRNA Transcript, organism-specific biosystem; Gene Expression, organism-specific biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem;
Function	RNA binding; nucleotide binding; protein binding;

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