

Recombinant Human SFRS5, GST-tagged

Cat. No. SFRS5-102H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SFRS5 (1 a.a. - 272 a.a.) fused with GST-tag at N-terminal, was expressed in vitro wheat germ expression system.
Species	Human
Source	Wheat Germ
ProteinLength	1 a.a. - 272 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 have been found for this gene.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	55.44 kDa
AA Sequence	MSGCRVFIGRLNPAAREKGVERFFKGYGRIRDIDLKRGFGFVEFEDPRDADDAVYEL DGKELCSERVITIEHARAR SRGGRGRGRYSDRFSSRRPRNDRRNAPPVRTENRLIV ENLSSRVSWQDLKDFMRQAGEVTFADAHRPKLNEGVE FASYGDLKNAIEKLSGK

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	EINGRKIKLIEGSKRHRSRSRSRSRTRSSSRSRSRSRSRSRKSYRSRSRSRSRS RS KRSRSVSRSPVPEKSQKRGSSSRSKSPASVDRQRSRSRSRSRSVDSGN
Purification	Glutathione Sepharose 4 Fast Flow
Applications	ELISA; WB; Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SRSF5 serine/arginine-rich splicing factor 5 [Homo sapiens(human)]
Official Symbol	SRSF5
Synonyms	SRSF5; serine/arginine-rich splicing factor 5; HRS; SFRS5; SRP40; serine/arginine-rich splicing factor 5; SR splicing factor 5; delayed-early protein HRS; pre-mRNA-splicing factor SRP40; splicing factor, arginine/serine-rich 5
Gene ID	6430
mRNA Refseq	NM_006925
Protein Refseq	NP_008856
MIM	600914
UniProt ID	Q13243

Chromosome Location	14q24
Pathway	Cleavage of Growing Transcript in the Termination Region; Gene Expression; Herpes simplex infection
Function	RNA binding; nucleotide binding; protein binding

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