

Recombinant Human FUSIP1, GST-tagged

Cat. No. FUSIP1-13038H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FUSIP1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	8-183a.a.
Description	This gene product is a member of the serine-arginine (SR) family of proteins, which is involved in constitutive and regulated RNA splicing. Members of this family are characterized by N-terminal RNP1 and RNP2 motifs, which are required for binding to RNA, and multiple C-terminal SR/RS repeats, which are important in mediating association with other cellular proteins. This protein can influence splice site selection of adenovirus E1A pre-mRNA. It interacts with the oncoprotein TLS, and abrogates the influence of TLS on E1A pre-mRNA splicing. This gene has multiple pseudogenes. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. In addition, transcript variants utilizing alternative polyA sites exist.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	SRSF10 serine/arginine-rich splicing factor 10 [Homo sapiens]
Official Symbol	SRSF10
Synonyms	SRSF10; serine/arginine-rich splicing factor 10; FUS interacting protein (serine/arginine rich) 1 , FUS interacting protein (serine arginine rich) 2 , FUSIP1, FUSIP2, neural salient SR protein , SFRS13A, splicing factor, arginine/serine rich 13A; NSSR; SFRS13; splicing factor; arginine/serine rich 13; SR splicing factor 10; SRp38; SRp40; TASR1; TASR2; splicing factor SRp38; TLS-associated SR protein; neural-salient SR protein; 40 kDa SR-repressor protein; TLS-associated protein TASR; TLS-associated protein with SR repeats; TLS-associated serine-arginine protein 1; TLS-associated serine-arginine protein 2; splicing factor, arginine/serine-rich 13; splicing factor, arginine/serine-rich 13A; serine-arginine repressor protein (40 kDa); TLS-associated protein with Ser-Arg repeats; FUS-interacting serine-arginine-rich protein 1; FUS interacting protein (serine-arginine rich) 1; FUS-interacting protein (serine-arginine rich) 2; TASR; FUSIP1; FUSIP2; SFRS13A; FLJ30749; FLJ43846; DKFZp686H0644;
Gene ID	10772
mRNA Refseq	NM_001191005
Protein Refseq	NP_001177934
MIM	605221
UniProt ID	O75494
Chromosome	1p36.11

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Location	
Pathway	Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; mRNA processing, organism-specific biosystem;
Function	RNA binding; RS domain binding; nucleic acid binding; nucleotide binding; protein binding; unfolded protein binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA