Recombinant Human SRSF10 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SRSF10-3170H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SFRS13A MS Standard C13 and N15-labeled recombinant protein (NP_006616) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene product is a member of the serine-arginine (SR) family of proteins, which are 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 interacts with the oncoprotein TLS, and abrogates the influence of TLS on adenovirus E1A pre-mRNA splicing. This gene has pseudogenes on chromosomes 4, 9, 14, 18, and 20. Alternative splicing results in multiple transcript variants.
Molecular Mass	22.2 kDa
AA Sequence	MSRYLRPPNTSLFVRNVADDTRSEDLRREFGRYGPIVDVYVPLDFYTRRPRGFAYV QFEDVRDAEDALHNLDRKWICGRQIEIQFAQGDRKTPNQMKAKEGRNVYSSSRYD DYDRYRRSRSRSYERRRSRSRSFDYNYRRSYSPRNSRPTGRPRRSRSHSDNDRP NCSWNTQYSSAYYTSRKITRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

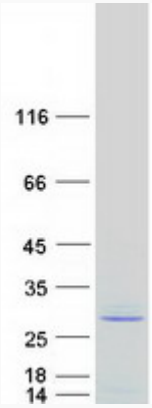
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SRSF10 serine/arginine-rich splicing factor 10 [Homo sapiens (human)]
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; SRrp40; 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

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mRNA Refseq	NM_006625
Protein Refseq	NP_006616
MIM	605221
UniProt ID	O75494
SDS-PAGE	

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