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Product datasheet for PH321759

FUSIP1 (SRSF10) (NM_006625) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SFRS13A MS Standard C13 and N15-labeled recombinant protein (NP_006616)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221759
Predicted MW:	22.2 kDa
Protein Sequence:	>RC221759 protein sequence Red=Cloning site Green=Tags(s) MSRYLRPPNTSLFVRNVADDTRSEDLRREFGRYGPIVDVYVPLDFYTRRPRGFAYVQFEDVRDAEDALHN LDRKWICGRQIEIQFAQGDRKTPNQMKAKEGRNVYSSSRYDDYDRYRRSRSRSYERRRSRSRSFDYNYRR SYSPRNSRPTGRPRRSRSHSDNDRPNCSWNTQYSSAYYTSRKI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_006616
RefSeq Size:	4076
RefSeq ORF:	549
Synonyms:	FUSIP1; FUSIP2; NSSR; PPP1R149; SFRS13; SFRS13A; SRp38; SRrp40; TASR; TASR1; TASR2
Locus ID:	10772
UniProt ID:	O75494

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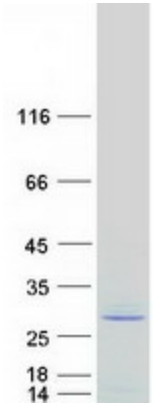
Cytogenetics: 1p36.11

Summary: 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. [provided by RefSeq, Jul 2014]

Protein Families: Transcription Factors

Protein Pathways: Spliceosome

Product images:



Coomassie blue staining of purified SRSF10 protein (Cat# [TP321759]). The protein was produced from HEK293T cells transfected with SRSF10 cDNA clone (Cat# [RC221759]) using MegaTran 2.0 (Cat# [TT210002]).