

Recombinant Human SRSF2 protein, His & GST-tagged

Cat. No. SRSF2-1401H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SRSF2 aa. (Thr14~Ser221 fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Thr14~Ser221
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 and one non-coding transcript variant have been found for this gene. In addition, a pseudogene of this gene has been found on chromosome 11.
Form	Freeze-dried powder
Molecular Mass	54kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)

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Purity	>90%
Characteristic	The isoelectric point is 11.9.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	SRSF2 serine and arginine rich splicing factor 2 [Homo sapiens (human)]
Official Symbol	SRSF2
Synonyms	SRSF2; serine and arginine rich splicing factor 2; SC35; PR264; SC-35; SFRS2; SFRS2A; SRp30b; serine/arginine-rich splicing factor 2; SR splicing factor 2; splicing component, 35 kDa; splicing factor SC35; splicing factor, arginine/serine-rich 2

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Gene ID	6427
mRNA Refseq	NM_001195427.1
Protein Refseq	NP_001182356.1
UniProt ID	Q01130
SDS-PAGE	