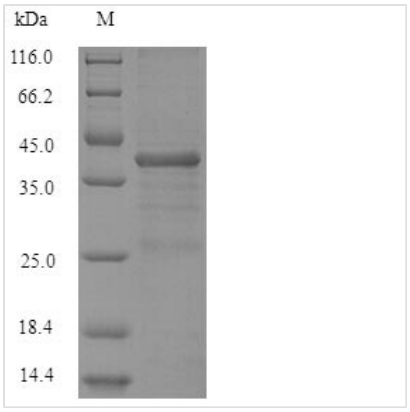
Recombinant Human Serine/arginine-rich splicing factor 10 (SRSF10)

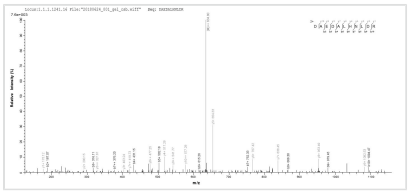
Product Code	CSB-EP525638HU
Relevance	Splicing factor that in its dephosphorylated form acts as a general repressor of pre-mRNA splicing. Ses to interfere with the U1 snRNP 5'-splice recognition of SNRNP70. Required for splicing repression in M-phase cells and after heat shock. May be involved in regulation of alternative splicing in neurons, with isoform 1 acting as a positive and isoform 3 as a negative regulator.
Abbreviation	Recombinant Human SRSF10 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O75494
Alias	40 kDa SR-repressor protein ;SRrp40FUS-interacting serine-arginine-rich protein 1Splicing factor SRp38Splicing factor, arginine/serine-rich 13ATLS-associated protein with Ser-Arg repeats ;TASR ;TLS-associated protein with SR repeatsTLS-associated serine-arginine protein ;TLS-associated SR protein
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MSRYLRPPNTSLFVRNVADDTRSEDLRREFGRYGPIVDVYVPLDFYTRRPRGFAYVQFEDVRDAEDALHNLDRKWICGRQIEIQFAQGDRKTPNQMKAKEGRNVYSSSRYDDYDRYRRSRSRSYERRRSRSRSFDYNYRRSYSPRNSRPTGRPRRSRSHSDNDRPNCSWNTQYSSAYYTSRKI
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	SRSF10
Protein Names	Recommended name: Serine/arginine-rich splicing factor 10 Alternative name(s): 40 kDa SR-repressor protein Short name= SRrp40 FUS-interacting serine-arginine-rich protein 1 Splicing factor SRp38 Splicing factor, arginine/serine-
Expression Region	1-183aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	38.2kDa

Protein Length Full Length of Isoform 3

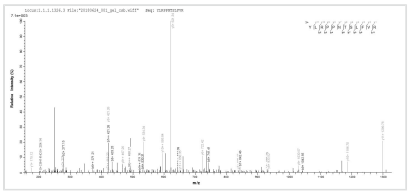
Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP525638HU could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) SRSF10.



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Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.
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