

Datasheet for ABIN7555629
SRSF10 Protein (AA 1-262) (His tag)



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Overview

Quantity:	1 mg
Target:	SRSF10
Protein Characteristics:	AA 1-262
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SRSF10 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat SRSF10 Protein expressed in mammalien cells.
Sequence:	MSRYLRPPNT SLFVRNVADD TRSEDLRREF GRYGPIVDVY VPLDFYTRRP RGFAYVQFED VRDAEDALHN LDRKWICGRQ IEIQFAQGDR KTPNQMKAKE GRNVYSSSRV DDYDRYRRSR SRSYERRRSR SRSFDYNYRR SYSPRNSRPT GRPRRSRSHS DNDRFKHRNR SFSRSKSNR SRSKSQPKKE MKAKSRSRSA SHTKTRGTSK TDSKTHYKSG SRYEKESRKK EPPRSKSQSR SQRSRSKSR SRSWTSPKSS GH Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and

Product Details

transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	SRSF10
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Alternative Name:	SRSF10 (SRSF10 Products)
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Background:	<p>Serine/arginine-rich splicing factor 10 (40 kDa SR-repressor protein) (SRp40) (FUS-interacting serine-arginine-rich protein 1) (Splicing factor SRp38) (Splicing factor, arginine/serine-rich 13A) (TLS-associated protein with Ser-Arg repeats) (TASR) (TLS-associated protein with SR repeats) (TLS-associated serine-arginine protein) (TLS-associated SR protein),FUNCTION: Splicing factor that in its dephosphorylated form acts as a general repressor of pre-mRNA splicing (PubMed:11684676, PubMed:12419250, PubMed:14765198). Seems to interfere with the U1 snRNP 5'-splice recognition of SNRNP70 (PubMed:14765198). Required for splicing repression in M-phase cells and after heat shock (PubMed:14765198). Also acts as a splicing factor that specifically promotes exon skipping during alternative splicing (PubMed:26876937). Interaction with YTHDC1, a RNA-binding protein that recognizes and binds N6-methyladenosine (m6A)-containing RNAs, prevents SRSF10 from binding to its mRNA-binding sites close to m6A-containing regions, leading to inhibit exon skipping during alternative splicing (PubMed:26876937). May be involved in regulation of alternative splicing in neurons, with isoform 1 acting as a positive and isoform 3 as a negative regulator (PubMed:12419250). {ECO:0000269 PubMed:11684676, ECO:0000269 PubMed:12419250, ECO:0000269 PubMed:14765198, ECO:0000269 PubMed:26876937}.</p>
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Target Details

Molecular Weight:	31.3 kDa
UniProt:	O75494
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months