

Datasheet for ABIN7546464
SRSF3 Protein (AA 1-164) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SRSF3
Protein Characteristics:	AA 1-164
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SRSF3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SRSF3 Protein expressed in mammalian cells.
Sequence:	MHRDSCPLDC KVVVGNLGN GNKTELERAF GYGPLRSVW VARNPPGFAF VEFEDPRDAA DAVRELDGRT LCGCRVRVEL SNGEKRSRNR GPPPSWGRRP RDDYRRRSPP PRRRSPRRRS FSRSRSLS RDRRRERSLS RERNHKPSRS FSRSRSRRS NERK 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	SRSF3
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Alternative Name:	SRSF3 (SRSF3 Products)
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Background:	<p>Serine/arginine-rich splicing factor 3 (Pre-mRNA-splicing factor SRP20) (Splicing factor, arginine/serine-rich 3),FUNCTION: Splicing factor, which binds the consensus motif 5'-C[ACU][AU]C[ACU][AC]C-3' within pre-mRNA and promotes specific exons inclusion during alternative splicing (PubMed:32440474, PubMed:17036044, PubMed:26876937). Interaction with YTHDC1, a RNA-binding protein that recognizes and binds N6-methyladenosine (m6A)-containing RNAs, promotes recruitment of SRSF3 to its mRNA-binding elements adjacent to m6A sites within exons (PubMed:26876937). Also functions as an adapter involved in mRNA nuclear export (PubMed:11336712, PubMed:18364396, PubMed:28984244). Binds mRNA which is thought to be transferred to the NXF1-NXT1 heterodimer for export (TAP/NXF1 pathway), enhances NXF1-NXT1 RNA-binding activity (PubMed:11336712, PubMed:18364396). Involved in nuclear export of m6A-containing mRNAs via interaction with YTHDC1: interaction with YTHDC1 facilitates m6A-containing mRNA-binding to both SRSF3 and NXF1, promoting mRNA nuclear export (PubMed:28984244). {ECO:0000269 PubMed:11336712, ECO:0000269 PubMed:17036044, ECO:0000269 PubMed:18364396, ECO:0000269 PubMed:26876937, ECO:0000269 PubMed:28984244, ECO:0000269 PubMed:32440474}.</p>
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Target Details

Molecular Weight: 19.3 kDa

UniProt: [P84103](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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