

Datasheet for ABIN7555593
SRRM1 Protein (AA 1-904) (His tag)



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Overview

Quantity:	1 mg
Target:	SRRM1
Protein Characteristics:	AA 1-904
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SRRM1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SRRM1 Protein expressed in mammalian cells.
Sequence:	MDAGFFRGTS AEQDNRFNSK QKLLKQLKF AECLEKKVDM SKVNLEVIKP WITKRVTEIL GFEDDVVIEF IFNQLEVKNP DSKMMQINLT GFLNGKNARE FMGELWPLLL SAQENIAGIP SAFLELKKEE IKQRQIEQEK LASMKKQDED KDKRDKEEKE SSREKRERSR SPRRRKSRSP SPRRRSSPVR RERKRSHSRS PRHRTKSRSP SPAPEKKEKT PELPEPSVKV KEPSVQEATS TSDILKVPKP EPIPEPKEPS PEKNSKKEKE KEKTRPRSRS RSKRSRTRS RPSHTRPRR RHRRSRSYS PRRRPSPRRR PSPRRRTPPR RMPPPPRHRR SRSPVRRRRR SSASLSGSSS SSSSRSRSP PKKPPKRTSS PPRKTRRLSP SASPPRRRHR PSPPATPPPK TRHSPTPQQS NRTRKSRVSV SPGRMSGKVT KHKGTEKRES PSPAPKPRKV ELSESEEDKG GKMAAADSVQ QRRQYRRQNQ QSSSDSGSSS SSEDERPKRS HVKNGEVGRR RRHSPRSAS PSPRKRQKET SPRGRRRRSP SPPPTRRRRS PSPAPPPRRR RTPTPPRRR TPSPPPRRRS PSPRRYSPI QRRYSPSPPP KRRASPPPP PKRRASPSPP PKRRVSHSPP PKQRSSPVTK RRSPSLSSKH RKGSSPSRST REARSPQPNK RHSPSPRPRA PQTSSSPPPV RRGASSSPQR RQSPSPSTRP

Product Details

IRRVSRTPPEP KKIKKAASPS PQSVRRVSSS RSVSGSPEPA AKKPPAPPSP VQSQSPSTNW
SPAVPVKKAK SPTPSPSPPR NSDQEGGGKK KKKKKDKKHK KDKKHKHKHK HKKEKAVAAA
AAAVTPAAI AAATTTLAQE EPVAAPEPKK ETESEAEDNL DDLEKHLREK ALRSMRKAQV SPQS

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:

- 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 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)

Grade: custom-made

Target Details

Target: SRRM1

Alternative Name: SRRM1 ([SRRM1 Products](#))

Background: Serine/arginine repetitive matrix protein 1 (SR-related nuclear matrix protein of 160 kDa) (SRm160) (Ser/Arg-related nuclear matrix protein),FUNCTION: Part of pre- and post-splicing multiprotein mRNP complexes. As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (Probable). Involved in numerous pre-mRNA processing events. Promotes constitutive and exonic splicing enhancer (ESE)-dependent

Target Details

splicing activation by bridging together sequence-specific (SR family proteins, SFRS4, SFRS5 and TRA2B/SFRS10) and basal snRNP (SNRP70 and SNRPA1) factors of the spliceosome. Stimulates mRNA 3'-end cleavage independently of the formation of an exon junction complex. Binds both pre-mRNA and spliced mRNA 20-25 nt upstream of exon-exon junctions. Binds RNA and DNA with low sequence specificity and has similar preference for either double- or single-stranded nucleic acid substrates. {ECO:0000269|PubMed:10339552, ECO:0000269|PubMed:10668804, ECO:0000269|PubMed:11739730, ECO:0000269|PubMed:12600940, ECO:0000269|PubMed:12944400, ECO:0000269|PubMed:9531537, ECO:0000305|PubMed:33509932}.

Molecular Weight: 102.3 kDa

UniProt: [Q8IYB3](#)

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