

Datasheet for ABIN7546192
SRI Protein (AA 1-198) (His tag)



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Overview

Quantity:	1 mg
Target:	SRI
Protein Characteristics:	AA 1-198
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SRI protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat SRI Protein expressed in mammalian cells.
Sequence:	MAYPGHPGAG GGYYPGGYGG APGGPAFPGQ TQDPLYGYFA AVAGQDGQID ADELQRCLTQ SGIAGGYKPF NLETCLMVS MLDRDMSGTM GFNEFKELWA VLNGWRQHFI SFDTDRSGTV DPQELQKALT TMGFRLSPQA VNSIAKRYST NGKITFDDYI ACCVKLRALT DSFRRRDTAQ QGVVNFPYDD FIQCVMSV 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:	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.

Product Details

- 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
Grade:	custom-made

Target Details

Target:	SRI
Alternative Name:	SRI (SRI Products)
Background:	Sorcini (22 kDa protein) (CP-22) (CP22) (V19),FUNCTION: Calcium-binding protein that modulates excitation-contraction coupling in the heart. Contributes to calcium homeostasis in the heart sarcoplasmic reticulum. Modulates the activity of RYR2 calcium channels. {ECO:0000269 PubMed:17699613}.
Molecular Weight:	21.7 kDa
UniProt:	P30626
Pathways:	Transition Metal Ion Homeostasis , Maintenance of Protein Location , Negative Regulation of Transporter Activity

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