

# Recombinant Human SRI Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** SRI-1882H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	SRI MS Standard C13 and N15-labeled recombinant protein (NP_003121) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a calcium-binding protein with multiple E-F hand domains that relocates from the cytoplasm to the sarcoplasmic reticulum in response to elevated calcium levels. In addition to regulating intracellular calcium homeostasis it also modulates excitation-contraction coupling in the heart. Alternative splicing results in multiple transcript variants encoding distinct proteins. Multiple pseudogenes exist for this gene.
<b>Molecular Mass</b>	21.7 kDa
<b>AA Sequence</b>	MAYPGHPGAGGGYYPGGYGGAPGGPAFPGQTQDPLYGYFAAVAGQDGGQIDADEL QRCLTQSGIAGGYKPFNLETCLMVSMLDRDMSGTMGFNEFKELWAVLNGWRQH FISFDTRSGTVDPQELQKALTTMGFRLSPQAVNSIAKRYSTNGKITFDDYIACCVKL RALTDSFRRRDTAQQGVVNFYDDFIQCVMSVTRTRPLEQKLISEEDLAANDILDYK DDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

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<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

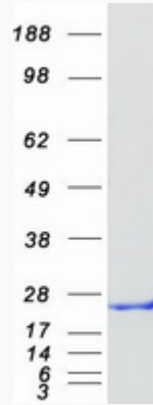
<b>Gene Name</b>	SRI sorcin [ Homo sapiens (human) ]
<b>Official Symbol</b>	SRI
<b>Synonyms</b>	SRI; sorcin; H_RG167B05.1; 22 kDa protein; calcium binding protein amplified in mutlidrug-resistant cells; SCN; V19; CP22; CP-22; FLJ26259;
<b>Gene ID</b>	6717
<b>mRNA Refseq</b>	NM_003130
<b>Protein Refseq</b>	NP_003121
<b>MIM</b>	182520
<b>UniProt ID</b>	P30626

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SDS-PAGE



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