

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

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

SPECIFICATION

Product Overview	SRI MS Standard C13 and N15-labeled recombinant protein (NP_003121) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	21.7 kDa
AA Sequence	MAYPGHPGAGGGYYPGGYGGAPGGPAFPGQTQDPLYGYFAAVAGQDGQIDADEL QRCLTQSGIAGGYKPFNLETCRLMVSMLEDRMSGTMGFNEFKELWAVLNGWRQH FISFDTDRTSGTVDPQELQKALTMTMGFRLSPQAVNSIAKRYSTNGKITFDDYIACCVKL RALTDSFRRRDTAQQGVVNFYDDFIQCVMSVTRTRPLEQKLISEEDLAANDILDYK DDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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

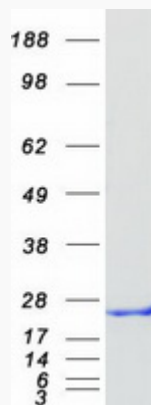
GENE INFORMATION

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

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SDS-PAGE

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