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SRI, 1-198aa, Human, His tag, E.coli

产品货号: TP04029

第三版

别名: Sorcin, 22 kDa protein, CP22, V19, SCN

描述: Sorcin, also known as SRI, is a 22-kDa calcium-binding protein initially identified in multidrug-resistant cells. SRI modulates excitation-contraction coupling in the heart and contributes to calcium homeostasis in the heart sarcoplasmic reticulum. Recombinant human SRI protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.2M NaCl, 1mM DTT, 0.1mM PMSF

分子量: 24.1 kDa (221aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMAYPGHPGAGGGYYPGGYGGAPGGPAFFPGQTQDPLYGYFAAVAGQDGQIDADE
LQRCLTQSGIAGGYKPFNLETCLMLVSMMLDRDMSGTMGFNEFKELWAVLNGWRQHFISFDTRSGTVDPQELQKALTT
MGFRLSPQAVNSIAKRYSTNGKITFDDYIACCVKLRALTDSEFRRTDTAQQGVVNFYDDFIQCVMSV

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.