

## 32-4960: Recombinant Human Sorcin

**Alternative Name :** Sorcin,22 kDa protein,CP-22,CP22,V19,SRI,SCN,FLJ26259.

### Description

Source : Escherichia Coli. SRI Human Recombinant fused with a 23 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 221 amino acids (1-198 a.a.) and having a molecular mass of 24.1kDa. The SRI is purified by proprietary chromatographic techniques. Sorcin (SRI) which is a 22kDa calcium-binding protein was originally identified in multidrug-resistant cells. Sorcin, which modulates excitation-contraction coupling in the heart, contributes to calcium homeostasis in the heart sarcoplasmic reticulum.

### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 20 µg   |
| <b>Purification :</b>      | Greater than 90.0% as determined by SDS-PAGE.   |
| <b>Content :</b>           | The SRI solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 0.2M NaCl, 1mM DTT and 0.1mM PMSF.  |
| <b>Storage condition :</b> | SRI should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.   |
| <b>Amino Acid :</b>        | MGSSHHHHHH SSSLVPRGSH MGSMAYPGHP GAGGGYYPGG YGGAPGGPAF PGQTQDPLYG<br>YFAAVAGQDG QIDADELQRC LTQSGIAGGY KPFNLETCL MVSMLDRDMS GTMGFNEFKE<br>LWAVLNGWRQ HFISFDTRS GTVDPQELQK ALTTMGFRLS PQAVNSIAKR YSTNGKITFD DYIACCVKLR<br>ALTDSFRRRD TAQQGVVNFY YDDFIQCVMS V. |

