

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

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	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.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMAYPGHP GAGGGYYPGG YGGAPGGPAF PGQTQDPLYG YFAAVAGQDG QIDADELQRC LTQSGIAGGY KPFNLETCL MVSMLDRDMS GTMGFNEFKE LWAVLNGWRQ HFISFDTDRS GTVDPQELQK ALTTMGFRLS PQAVNSIAKR YSTNGKITFD DYIACCVKLR ALTDSFRRRD TAQQGVVNFY YDDFIQCVMS V.