9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SRI Human

Sorcin Human Recombinant
RCP2239

Product Overview

Name	SRI Human
Description	
Sorcin Human Recombinant	
Accession (Primary)	P30626
Synonyms	
Sorcin, 22 kDa protein, CP-22, CP22, V19, SRI, SCN, FLJ26259.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
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.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAYPGHP GAGGGYYPGG YGGAPGGPAF PGQTQDPLYG YFAAVAGQDG QIDADELQRC LTQSGIAGGY KPFNLETCRL MVSMLDRDMS GTMGFNEFKE LWAVLNGWRQ HFISFDTDRS GTVDPQELQK ALTTMGFRLS PQAVNSIAKR YSTNGKITFD DYIACCVKLR ALTDSFRRRD TAQQGVVNFP YDDFIQCVMS V.	
Precautions	

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SRI Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P30626)