

Recombinant human Myosin regulatory light chain 2, ventricular/cardiac muscle isoform protein



Catalog Number: CSB-RP100574h

Product Name:	Recombinant human Myosin regulatory light chain 2, ventricular/cardiac muscle isoform protein
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Relevance :	Thus gene encodes the regulatory light chain associated with cardiac myosin beta (or slow) heavy chain. Ca ⁺ triggers the phosphorylation of regulatory light chain that in turn triggers contraction. Mutations in this gene are associated with mid-left ventricular chamber type hypertrophic cardiomyopathy.
Mol. Weight:	22kd
Product Info :	His-tagged
Source:	E.coli derived
Image:	
Purity:	>90%(SDS-PAGE)
Storage Buffer:	20mM Tris-HCl, 0.5M NaCl, pH 8.0,50% glycerol
Storage :	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Notes :	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
AA sequence:	APKKAKKRAGGANSNVFSMFEQTQIQEFKEAFTIMDQNRDGFIDKNDLRDTFAALGRVNV KNEEIDEMIKEAPGPINFVFLTMFGEKLGADPEETILNAFKVFDPEGKGVLKADYVREML TTQAERFSKEEVDQMFAAFPPDVTGNLDYKNLVHIITHGEEKD
References:	"Isolation and nucleotide sequence of the cDNA encoding human ventricular myosin light chain 2." Libera L.D., Hoffmann E., Floroff M., Jackowski G. Nucleic Acids Res. 17:2360-2360(1989)