

## MYL2

# Recombinant Human Ventricular Myosin Regulatory Light Chain LCII

<b>Catalog No.</b>	CSI12266	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	RLC of myosin, cardiac ventricular myosin light chain 2, myosin light chain 2, myosin regulatory light chain 2, ventricular/cardiac muscle isoform		
<b>Description:</b>	LCII (ventricular myosin regulatory light chain) is a subunit of the heterohexameric myosin protein, which modulates striated muscle contraction in response to phosphorylation by MLCK (myosin light chain kinase).		
<b>Gene ID:</b>	4633		
<b>Source:</b>	<i>E. coli</i>		
<b>Formulation:</b>	Liquid supplied in 20 mM HEPES-KOH, pH 7.0 + 50 mM NaCl + 1 mM EDTA + 1 mM DTT.		
<b>Purity:</b>	>95% by SDS-PAGE		
<b>Specific Activity:</b>	Assayed for phosphorylation by MLCK		
<b>Storage &amp; Stability:</b>	Store at -80°C. <b>Avoid repeated freeze-thaw cycles.</b> Product is stable for one year from date of purchase when stored as recommended.		

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

