

# Recombinant Myosin Heavy Chain 7, Cardiac Muscle, Beta (MYH7) Instruction Manual

**SIPD303Hu01**

**Homo sapiens (Human)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1 $\mu$ g
<b>Subcellular Location</b>	Plasma
<b>Predicted Molecular Mass</b>	30.2kDa
<b>Accurate Molecular Mass</b>	32kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Arg1268~Leu1516 with N-terminal His Tag
<b>Buffer Formulation</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	5.3
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

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RSV NDLTSQRAKL QTENGELSRQ LDEKEALISQ  
LTRGKLTYTQ QLEDLKRQLE EEVKAKNALA HALQSARHDC DLLREQYEEE  
TEAKAELQRV LSKANSEVAQ WRTKYETDAI QRTEELEEAQ KKLAQRLQEA  
EEAVEAVNAK CSSLEKTKHR LQNEIEDLMV DVERSNAAAA ALDKKQRNFD  
KILAEWKQKY EESQSELESS QKEARSLSTE LFKLKNAYEE SLEHLETFKR  
ENKNLQEEIS DLTEQL
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## USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.  
Do not vortex.

