

## Recombinant Human MYH7 protein, His-tagged

Cat. No. MYH7-8021H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MYH7 protein(Ala1777~Glu1935), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala1777~Glu1935
<b>Form</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Molecular Mass</b>	22kDa
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	> 90%
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Reconstitution</b>	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

### GENE INFORMATION

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<b>Gene Name</b>	MYH7 myosin, heavy chain 7, cardiac muscle, beta [ Homo sapiens(human) ]
<b>Official Symbol</b>	MYH7
<b>Synonyms</b>	MYH7; CMH1; MPD1; SPMD; SPMM; CMD1S; MYHCB; myosin, heavy chain 7, cardiac muscle, beta; myosin-7; myHC-beta; myhc-slow; myopathy, distal 1; myosin heavy chain 7; beta-myosin heavy chain; myosin heavy chain (AA 1-96); myosin heavy chain slow isoform; rhabdomyosarcoma antigen MU-RMS-40.7A; myosin heavy chain, cardiac muscle beta isoform; myosin, heavy polypeptide 7, cardiac muscle, beta
<b>Gene ID</b>	4625
<b>mRNA Refseq</b>	NM_000257
<b>Protein Refseq</b>	NP_000248
<b>MIM</b>	160760
<b>UniProt ID</b>	P12883

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