

Recombinant Human MYH7 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human MYH7 protein(Ala1777~Glu1935), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala1777~Glu1935
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	22kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 90%
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Reconstitution	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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Gene Name	MYH7 myosin, heavy chain 7, cardiac muscle, beta [Homo sapiens(human)]
Official Symbol	MYH7
Synonyms	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
Gene ID	4625
mRNA Refseq	NM_000257
Protein Refseq	NP_000248
MIM	160760
UniProt ID	P12883

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