

Recombinant Rat Myh6 protein, His-tagged

Cat. No. Myh6-8023R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Myh6 aa. (Gln1747~Glu1938) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln1747~Glu1938
Description	Heavy chain of myosin; involved in muscle contraction.
Form	Freeze-dried powder
Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.1.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Myh6 myosin heavy chain 6 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Myh6
Synonyms	Myh6; myosin heavy chain 6; Myhca; myosin-6; myHC-alpha; myosin heavy chain polypeptide 6 cardiac muscle adult; myosin heavy chain, cardiac muscle alpha isoform; myosin heavy chain, polypeptide 6, cardiac muscle, alpha; myosin, heavy chain 6, cardiac muscle, alpha; myosin, heavy polypeptide 6, cardiac muscle, alpha
Gene ID	29556
mRNA Refseq	NM_017239.2
Protein Refseq	NP_058935.2

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UniProt ID

P02563

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