

Recombinant Rat Myh6 protein, His-tagged

Cat. No. Myh6-8022R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Myh6 aa. (Gln419~Thr666 (Accession # P02563)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln419~Thr666
Description	Heavy chain of myosin; involved in muscle contraction.
Form	Freeze-dried powder
Molecular Mass	33kDa 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
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.

Storage buffer

Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Myh6 myosin heavy chain 6 [*Rattus norvegicus* (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

UniProt ID

P02563

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