

## Recombinant Rat Myh6 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Myh6 aa. (Gln419~Thr666 (Accession # P02563)) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gln419~Thr666
<b>Description</b>	Heavy chain of myosin; involved in muscle contraction.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	33kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 5.1.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP
<b>Stability</b>	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,

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA