

Recombinant Rat Myh3 protein, His & T7-tagged

Cat. No. Myh3-8017R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Myh3 aa. (Arg1593~Val1848 (Accession # P12847)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Arg1593~Val1848
Description	Heavy chain of myosin; involved in muscle contraction.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.6.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

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at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein 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, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

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

GENE INFORMATION

Gene Name

Myh3 myosin heavy chain 3 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Myh3

Synonyms

Myh3; myosin heavy chain 3; Myhse; RNMHCG; myosin-3; myosin heavy chain, fast skeletal muscle, embryonic; myosin heavy polypeptide 3; myosin, heavy chain 3, skeletal muscle, embryonic; myosin, heavy polypeptide 3, skeletal muscle, embryonic

Gene ID

24583

mRNA Refseq

NM_012604.1

Protein Refseq

NP_036736.1

UniProt ID

P12847

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SDS-PAGE

