

Recombinant Rat Myh11 protein, His-tagged

Cat. No. Myh11-8024R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Myh11 aa. (Lys211~Trp482 (Accession # Q63862)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Lys211~Trp482
Description	Transcription decreases following transformation with mutant p53.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 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

Myh11 myosin heavy chain 11 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Myh11

Synonyms

Myh11; myosin heavy chain 11; myosin-11; SMMHC; myosin heavy chain 21; myosin heavy chain, smooth muscle isoform; myosin, heavy chain 11, smooth muscle; myosin, heavy polypeptide 11, smooth muscle; smooth muscle myosin heavy chain

Gene ID

24582

mRNA Refseq

NM_001170600.1

Protein Refseq

NP_001164071.1

UniProt ID

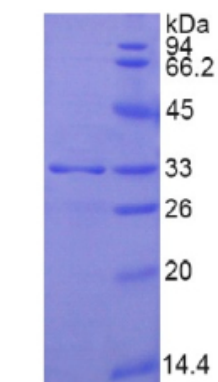
Q63862

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SDS-PAGE



15% SDS-PAGE

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