

Recombinant Mouse Myh1 protein, His & GST-tagged

Cat. No. Myh1-7622M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Myh1 aa. (Glu1585~Met1642 (Accession # Q5SX40)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Glu1585~Met1642
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 7.
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, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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 10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

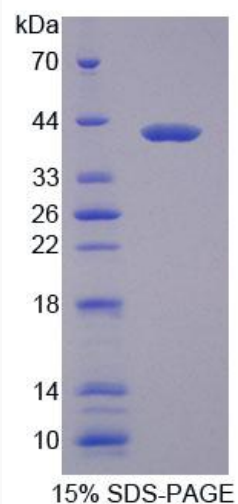
Gene Name	Myh1 myosin, heavy polypeptide 1, skeletal muscle, adult [Mus musculus (house mouse)]
Official Symbol	Myh1
Synonyms	IId; MdMs; IId/x; Myhs-f; Myhsf2; MHC2X/D; Myhs-f2; MHC-2X/D; MYHC-IIX; MyHC-IId/x; MyHC-IIX/d; A530084A17Rik; myHC-2x; myosin heavy chain 1; myosin heavy chain 2X; myosin heavy chain, skeletal muscle, adult 1; myosin-1
Gene ID	17879
mRNA Refseq	NM_030679.1
Protein Refseq	NP_109604.1
UniProt ID	Q5SX40

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SDS-PAGE



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