

Recombinant Mouse Myo1d protein, His-tagged

Cat. No. Myo1d-8039M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Myo1d aa. (Ser581~Glu847 (Accession # Q5SYD0)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ser581~Glu847
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 10.2.
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 at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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

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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

Myo1d myosin ID [*Mus musculus* (house mouse)]

Official Symbol

Myo1d

Synonyms

Myo1d; myosin ID; AW544947; D11Ert9e; myosin-1d; 9930104H07Rik; unconventional myosin-Id; myo1d; myosin-Id

Gene ID

338367

mRNA Refseq

NM_177390.3

Protein Refseq

NP_796364.2

UniProt ID

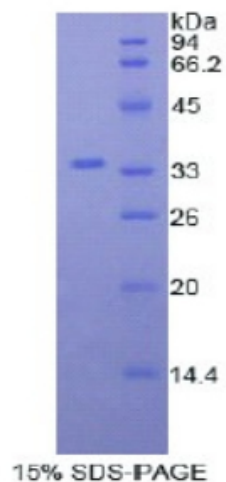
Q5SYD0

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SDS-PAGE



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