

Recombinant Rat Myo1d protein, His-tagged

Cat. No. Myo1d-8040R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Myo1d aa. (Val512~Leu788 (Accession # Q63357)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Val512~Leu788
Description	An unconventional myosin that binds calmodulin.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.4kDa
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

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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

Myo1d myosin ID [*Rattus norvegicus* (Norway rat)]

Official Symbol

Myo1d

Synonyms

Myo1d; myosin ID; Myr2; Myr4; Myo1c; unconventional myosin-Id; Unconventional myosin from rat 4 for myosin I heavy chain; myosin 1C; myosin IC; myosin heavy chain myr 4; myosin-Id; myosin1C

Gene ID

25485

mRNA Refseq

NM_012983.2

Protein Refseq

NP_037115.2

UniProt ID

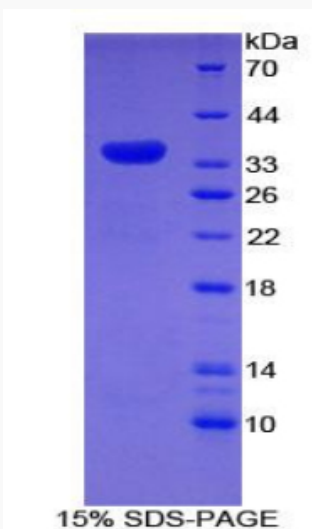
Q63357

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SDS-PAGE



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