

Recombinant Rat Myo1c protein, His-tagged

Cat. No. Myo1c-8038R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Myo1c aa. (Gly728~Thr987 (Accession # Q63355)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gly728~Thr987
Description	Novel class-I Myosin found in brain.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 10.4.
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

 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

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

Myo1c myosin 1C [*Rattus norvegicus* (Norway rat)]

Official Symbol

Myo1c

Synonyms

Myo1c; myosin 1C; Myr2; unconventional myosin-Ic; MMI-beta; MMIb; myosin I beta; myosin IC; myosin IC-like; myosin heavy chain myr 2; myosin-Ic; unconventional myosin Myr2 I heavy chain

Gene ID

65261

mRNA Refseq

NM_023092.1

Protein Refseq

NP_075580.2

UniProt ID

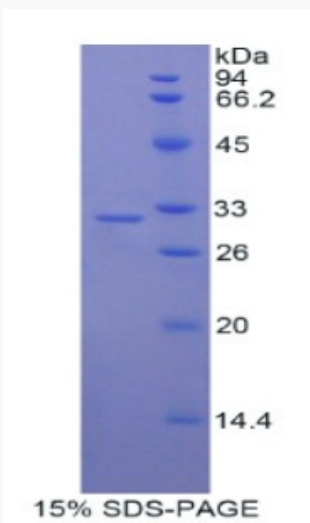
Q63355

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SDS-PAGE



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