

Recombinant Mouse Myo1a Protein, His-tagged

Cat. No. Myo1a-538M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Myo1a(Met783~Arg1043) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met783~Arg1043
Description	Myo1a played an important role in many functions.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	30.4kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others

GENE INFORMATION

Gene Name [Myo1a myosin IA \[Mus musculus \]](#)

Official Symbol [Myo1a](#)

Synonyms MYO1A; myosin IA; unconventional myosin-Ia; BBMI; MIHC; myosin-Ia; myosin I heavy chain; brush border myosin 1; brush border myosin I; myosin, heavy polypeptide-like (110kD); Myhl; BBM-I;

Gene ID [432516](#)

mRNA Refseq [NM_001081219](#)

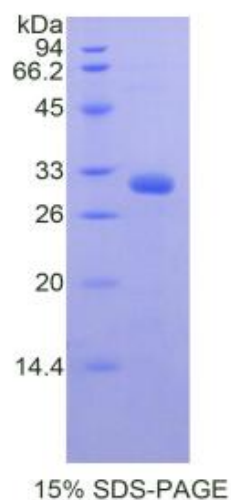
Protein Refseq [NP_001074688](#)

UniProt ID [O88329](#)

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