Recombinant Mouse Myl4 protein, His-tagged

Cat. No. Myl4-8029M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Myl4 aa. (Lys4~Val187 (Accession # P09541)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Lys4~Val187
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.3.
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

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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	Myl4 myosin, light polypeptide 4 [Mus musculus (house mouse)]
Official Symbol	Myl4
Synonyms	Myl4; myosin, light polypeptide 4; ELC; GT1; ALC1; AMLC; Myla; ELC1a; MLC1a; myosin light chain 4; MLC1EMB; myosin light chain 1, atrial/fetal isoform; myosin light chain, alkali, cardiac atria; myosin, light polypeptide 4, alkali; atrial, embryonic
Gene ID	17896
mRNA Refseq	NM_010858.4
Protein Refseq	NP_034988.2
UniProt ID	P09541

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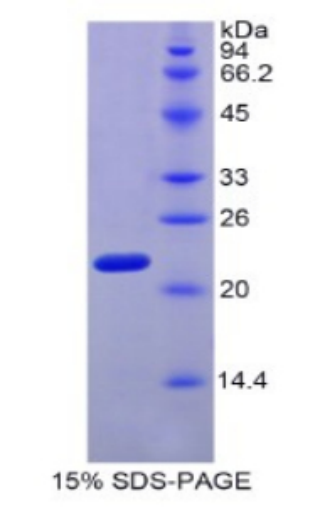
SDS-PAGE	

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