Recombinant Mouse Mylk protein, His & T7-tagged

Cat. No. Mylk-1510M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mylk aa. (Met1684~Asp1884 (Accession # Q6PDN3)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met1684~Asp1884
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.8kDa.
Endotoxin	<1.0EU per 1μg (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 5.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

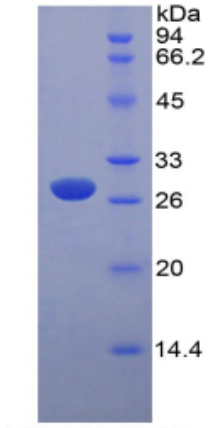
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Mylk myosin, light polypeptide kinase [Mus musculus (house mouse)]
Official Symbol	Mylk
Synonyms	KRP; Mlck; nmMlck; smMLCK; MLCK108; MLCK210; AW489456; 9530072E15Rik; A930019C19Rik; kinase-related protein; mylk; telokin; myosin light chain kinase, smooth muscle
Gene ID	107589
mRNA Refseq	NM_139300.3
Protein Refseq	NP_647461.3
UniProt ID	Q6PDN3

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SDS-PAGE	 15% SDS-PAGE

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