

## Recombinant Mouse Mylk Protein, MYC/DDK-tagged

Cat. No. Mylk-335M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse myosin, light polypeptide kinase (Mylk), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Biased expression in bladder adult (RPKM 454.5), large intestine adult (RPKM 64.4) and 8 other tissues.
<b>Molecular Mass</b>	214.1 kDa
<b>Purity</b>	>80%, as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Mylk myosin, light polypeptide kinase [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Mylk
<b>Synonyms</b>	Mylk; myosin, light polypeptide kinase; KRP; Mlck; nmMlck; smMLCK; MLCK108; MLCK210; AW489456; 9530072E15Rik; A930019C19Rik; myosin light chain kinase, smooth muscle; kinase-related protein; mylk; telokin; EC 2.7.11.18
<b>Gene ID</b>	107589
<b>mRNA Refseq</b>	NM_139300
<b>Protein Refseq</b>	NP_647461
<b>UniProt ID</b>	B1B1A8

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