

Recombinant Mouse Myl3 Protein, Myc/DDK-tagged

Cat. No. Myl3-4251M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length myosin, light polypeptide 3 (Myl3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Regulatory light chain of myosin. Does not bind calcium.
Molecular Mass	22.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Myl3 myosin, light polypeptide 3 [<i>Mus musculus</i> (house mouse)]
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Official Symbol	Myl3
Synonyms	MYL3; myosin, light polypeptide 3; myosin light chain 3; MLC1SB; ventricular; slow skeletal; myosin light chain, alkali, cardiac ventricles; ventricular/slow twitch myosin alkali light chain; myosin light chain 1, slow-twitch muscle B/ventricular isoform; myosin, light polypeptide 3, alkali; ventricular, skeletal, slow; Mylc; VLC1; MLC1s; MLC1v
Gene ID	17897
mRNA Refseq	NM_010859
Protein Refseq	NP_034989
UniProt ID	P09542

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