Recombinant Mouse Myl4 Protein, Myc/DDK-tagged

Cat. No. Myl4-4252M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length myosin, light polypeptide 4 (Myl4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Biased expression in heart adult (RPKM 169.8), limb E14.5 (RPKM 32.0) and 4 other tissues.
Molecular Mass	21.6 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

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Gene Name	Myl4 myosin, light polypeptide 4 [Mus musculus (house mouse)]
Official Symbol	Myl4
Synonyms	MYL4; myosin, light polypeptide 4; myosin light chain 4; MLC1EMB; myosin light chain, alkali, cardiac atria; myosin light chain 1, atrial/fetal isoform; myosin, light polypeptide 4, alkali; atrial, embryonic; ELC; GT1; ALC1; AMLC; Myla; ELC1a; MLC1a
Gene ID	17896
mRNA Refseq	NM_010858
Protein Refseq	NP_034988
UniProt ID	Q9CZ19

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