

# Recombinant human Myosin light polypeptide 6 protein

Catalog No: #AP71873

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Package Size: #AP71873-1 20ug #AP71873-2 100ug #AP71873-3 1mg

## Description

Product Name	Recombinant human Myosin light polypeptide 6 protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:3-151aaSequence Info:Partial
Other Names	17KDA myosin light chain ;LC17Myosin light chain 3 ;MLC-3Myosin light chain alkali 3 ;Myosin light chain A3Smooth muscle and nonmuscle myosin light chain alkali 6
Accession No.	P60660
Uniprot	P60660
GeneID	4637;
Calculated MW	43.7 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	DFTEDQTAEFKEAFQLFDRTGDGKILYSQCGDVMRALGQNPTNAEVLKVLGNPKSDEMNVKVLDFEHFLPML QTVAKNKDQGTIEDYVEGLRVFDKEGNGTVMGAEIRHVLVTLGEKMTEEEVEMLVAGHEDSNGCINYEAFVR HILSG
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Regulatory light chain of myosin. Does not bind calcium.

## References

The alkali light chains of human smooth and nonmuscle myosins are encoded by a single gene. Tissue-specific expression by alternative splicing pathways.Lenz S., Lohse P., Seidel U., Arnold H.H.J. Biol. Chem. 264:9009-9015(1989)Research Topic:Signal Transduction

Note: This product is for in vitro research use only