Active Recombinant Full Length Human MYLK2 Protein, GST-tagged

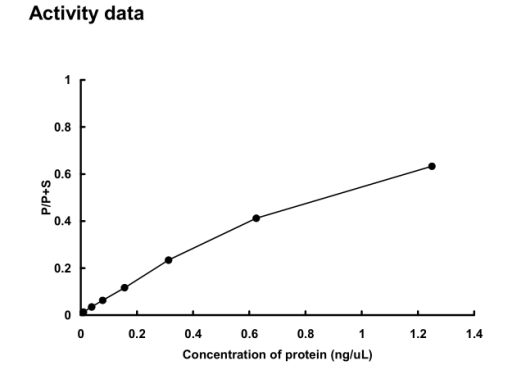
Cat. No. MYLK2-8782HF **Lot. No.** (See product label)

SPECIFICATION

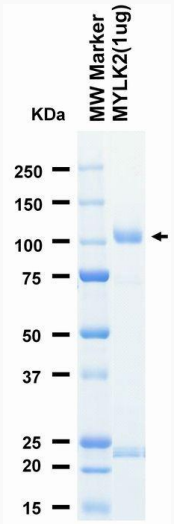
Product Overview	Full-length human skMLCK [1-596(end) amino acids of accession number NP_149109.1] was expressed as N-terminal GST-fusion protein (93 kDa) using baculovirus expression system. GST-skMLCK was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-596
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorecence-labeled substrate, Mg(or Mn)/ATP, and Ca/Calmodulin . The phosphorylated and unphosphorylated substrates were separated and detected by LabChip ™3000.
Purity	67%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

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GENE INFORMATION

Gene Name	myosin light chain kinase 2
Official Symbol	MYLK2
Synonyms	MYLK2;KMLC;MLCK;MLCK2;skMLCK
Protein Refseq	NP_149109.1
UniProt ID	Q9H1R3
Activity data	 The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorecence-labeled substrate, Mg(or Mn)/ATP, and Ca/Calmodulin . The phosphorylated and unphosphorylated substrates were separated and detected by LabChip ™3000.

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SDS-PAGE	 The purity was assessed by SDS-PAGE/CBB staining.

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