

## Active Recombinant Full Length Human MYLK4 Protein, DDK-tagged, Biotinylated

**Cat. No.** MYLK4-8064HF    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Full-length human MYLK4 [1-388(end) amino acids of accession number NP_001012418.2] was expressed as N-terminal DYKDDDDK tagged, biotinylated protein (49 kDa) using baculovirus expression system. The protein was purified by using DYKDDDDK tag antibody agarose. |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                |
| <b>Source</b>           | Sf21 Cells                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 1-388(end)                                                                                                                                                                                                                                                           |
| <b>Form</b>             | 50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5                                                                                                                                                                                             |
| <b>Bio-activity</b>     | The activity was determined by IMAP™ assay. The enzyme was incubated with fluorescein labeled peptide and phosphorylation was detected by IMAP™ technology (fluorescence polarization).                                                                              |
| <b>Purity</b>           | 88%                                                                                                                                                                                                                                                                  |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                                             |
| <b>Storage</b>          | Store at -80C. Avoid repeating freeze-thaws.                                                                                                                                                                                                                         |
| <b>Conjugation</b>      | Biotin                                                                                                                                                                                                                                                               |

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## GENE INFORMATION

**Gene Name** myosin light chain kinase family, member 4

**Official Symbol** MYLK4

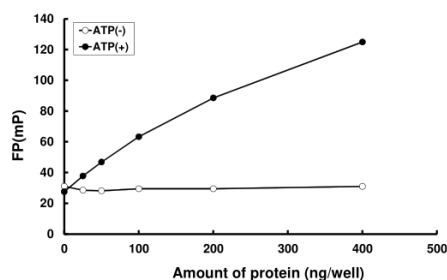
**Synonyms** MYLK4; caMLCK; like; SgK085

**Protein Refseq** [NP\\_001012418.2](#)

**UniProt ID** [Q86YV6](#)

### Activity data

Activity data



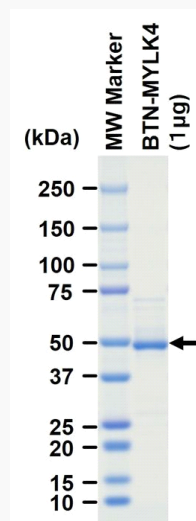
The activity was determined by IMAP™ assay. The enzyme was incubated with fluorescein labeled peptide and phosphorylation was detected by IMAP™ technology (fluorescence polarization).

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## SDS-PAGE



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

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