Active Recombinant Full Length Human MARK3 Protein, GST-tagged

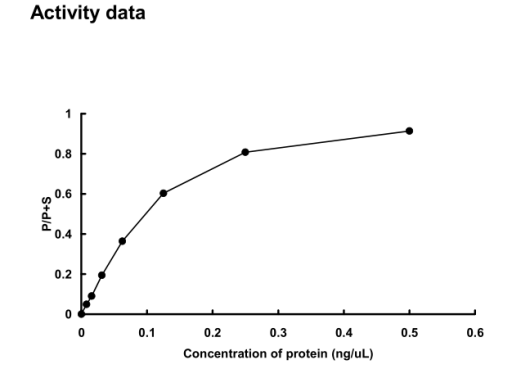
Cat. No. MARK3-7349HF **Lot. No.** (See product label)

SPECIFICATION

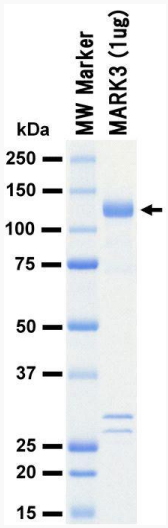
Product Overview	Full-length human MARK3 [1-729(end) amino acids of accession number NP_002367.4] was expressed as N-terminal GST-fusion protein (108 kDa) using baculovirus expression system. GST-MARK3 was purified by using glutathione sepharose chromatography and anion exchange chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-729
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 and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.
Purity	73%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

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GENE INFORMATION

Gene Name	MAP/microtubule affinity-regulating kinase 3
Official Symbol	MARK3
Synonyms	MARK3;CTAK1;KP78;PAR1A;Par-1a;VIPB
Protein Refseq	NP_002367.4
UniProt ID	P27448
Activity data	 The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorecence-labeled substrate and Mg(or Mn)/ATP. 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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