

## Recombinant Human MARK2 Protein, His-tagged

Cat. No. MARK2-781H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MARK2, transcript variant 1, fused with His tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	This gene encodes a member of the Par-1 family of serine/threonine protein kinases. The protein is an important regulator of cell polarity in epithelial and neuronal cells, and also controls the stability of microtubules through phosphorylation and inactivation of several microtubule-associating proteins. The protein localizes to cell membranes. Multiple transcript variants encoding different isoforms have been found for this gene.
<b>Form</b>	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
<b>Molecular Mass</b>	82.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

**Gene Name** MARK2 MAP/microtubule affinity-regulating kinase 2 [ Homo sapiens ]

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<b>Official Symbol</b>	MARK2
<b>Synonyms</b>	MARK2; MAP/microtubule affinity-regulating kinase 2; ELKL motif kinase , EMK1; serine/threonine-protein kinase MARK2; ELKL motif kinase 1; PAR 1; Par1b; protein serine/threonine kinase; Ser/Thr protein kinase PAR 1B; serine/threonine kinase; PAR1 homolog b; Ser/Thr protein kinase PAR-1B; serine/threonine protein kinase EMK; EMK1; EMK-1; PAR-1; Par-1b; MGC99619;
<b>Gene ID</b>	2011
<b>mRNA Refseq</b>	NM_001039469
<b>Protein Refseq</b>	NP_001034558
<b>MIM</b>	600526
<b>UniProt ID</b>	Q7KZI7

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