

Recombinant Human MARK2 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human MARK2, transcript variant 1, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	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.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	82.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>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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Official Symbol	MARK2
Synonyms	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;
Gene ID	2011
mRNA Refseq	NM_001039469
Protein Refseq	NP_001034558
MIM	600526
UniProt ID	Q7KZI7

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