

MARK1 抗原（重组蛋白）

中文名称：MARK1 抗原（重组蛋白）

英文名称：MARK1 Antigen (Recombinant Protein)

别 名：MARK; Par1c; Par-1c

储 存：冷冻（-20℃）

相关类别：抗原

概 述：

Fusion protein corresponding to C terminal 250 amino acids of human MARK1

技术规格：

Full name:	MAP/microtubule affinity-regulating kinase 1
Synonyms:	MARK; Par1c; Par-1c
Swissprot:	Q9P0L2
Gene Accession:	BC113869
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	MAP/microtubule affinity-regulating kinase 1 (MARK1) is a 795 amino acid protein belonging to the CAMK Ser/Thr protein kinase family. MARK1 is thought to play a role in the stability of the microtubule matrix of the cytoskeleton. MARK1 is activated by phosphorylation of Thr215 by LKB1 in complex with STRAD and MO25. Localized to the cytoskeleton, MARK1 contains one kinase-associated (KA1) domain, one protein kinase domain and one UBA domain. Expressed as three isoforms.

	forms produced by alternative splicing, MARK1 is found with highest levels in brain, skeletal muscle and heart.
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