

# Recombinant Human MARK1

Catalog No: #GP11159



Package Size: #GP11159-1 100ug

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## Description

Product Name	Recombinant Human MARK1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human MAP/microtubule affinity-regulating kinase 1
Target Name	MAP/microtubule affinity-regulating kinase 1
Other Names	MARK; Par1c; Par-1c
Accession No.	Swissprot:Q9P0L2Gene Accession:BC113869
Uniprot	Q9P0L2
GenID	4139;
Storage	-20~-80°C, pH 7.6 PBS

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

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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