

# Recombinant Human MAP/Microtubule Affinity-Regulating Kinase 1, GST-tagged

Cat. No. MARK1-1269H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant humanfull length MARK1, GST-tagged.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>Description</b>	MARK1 is a serinethreonine kinase that is involved in cytoskeletal organization andbiogenesis. No special measures were taken to activate this kinase.
<b>Form</b>	Liquid in 50 mMTris, pH 7.5 + 150 mM NaCl + 0.5 mM EDTA + 0.02% Triton X-100 + 2 mM DTT +50% glycerol
<b>Molecular Weight</b>	116.5 kDa
<b>Storage</b>	Stable for 6 monthsin working aliquots at -80°C. Avoid repeated freeze-thaw cycles.
<b>OfficialSymbol</b>	MARK1
<b>Full Length</b>	Full L.

## GENE INFORMATION

**Gene Name** MARK1 MAP/microtubuleaffinity-regulating kinase 1 [ Homo sapiens ]

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<b>Synonyms</b>	MARK1;MAP/microtubule affinity-regulating kinase 1; MARK; Par1c; Par-1c; KIAA1477;MGC126512; MGC126513; serine/threonine-protein kinase MARK1; PAR1 homolog c;OTTHUMP00000035457; OTTHUMP00000035458; EC 2.7.11.1; EC 2.7.11.26
<b>Gene ID</b>	4139
<b>mRNA Refseq</b>	NM_018650
<b>Protein Refseq</b>	NP_061120
<b>MIM</b>	606511
<b>UniProt ID</b>	Q9POL2
<b>Chromosome Location</b>	1q41
<b>Function</b>	ATP binding; lipidbinding; magnesium ion binding; nucleotide binding; phosphatidic acidbinding; phosphatidylinositol-4,5-bisphosphate binding; phosphatidylserinebinding; protein serine/threonine kinase activity; tau-protein kinaseactivity
<b>PDB rendering basedon 2hak.</b>	

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