

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

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

SPECIFICATION

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

GENE INFORMATION

Gene Name	MARK1 MAP/microtubuleaffinity-regulating kinase 1 [Homo sapiens]
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Synonyms	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
Gene ID	4139
mRNA Refseq	NM_018650
Protein Refseq	NP_061120
MIM	606511
UniProt ID	Q9P0L2
Chromosome Location	1q41
Function	ATP binding; lipidbinding; magnesium ion binding; nucleotide binding; phosphatidic acidbinding; phosphatidylinositol-4,5-bisphosphate binding; phosphatidylserinebinding; protein serine/threonine kinase activity; tau-protein kinaseactivity
PDB rendering basedon 2hak.	