

Recombinant Human MARK3

Cat. No. MARK3-26831TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Mark3 protein (Human), with N-terminal enzyme tag, MW 110kDa. Expressed by baculovirus in insect sf9 cells.
Species	Human
Description	The protein encoded by this gene is activated by phosphorylation and in turn is involved in the phosphorylation of tau proteins MAP2 and MAP4. Several transcript variants encoding different isoforms have been found for this gene.
Tissue specificity	Ubiquitous.
Biological activity	Specific activity 722 nmol/min/mg.
Form	Liquid
Storage buffer	Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. MARK subfamily. Contains 1 KA1 (kinase-associated) domain. Contains 1 protein kinase domain. Contains 1 UBA domain.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Full Length

Full L.

GENE INFORMATION

Gene Name MARK3 MAP/microtubule affinity-regulating kinase 3 [Homo sapiens]

Official Symbol MARK3

Synonyms MARK3; MAP/microtubule affinity-regulating kinase 3; CTAK1; KP78;

Gene ID 4140

mRNA Refseq NM_001128918

Protein Refseq NP_001122390

MIM 602678

Uniprot ID P27448

Chromosome Location 14q32.3

Function ATP binding; nucleotide binding; protein binding; protein serine/threonine kinase activity; protein serine/threonine kinase activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA