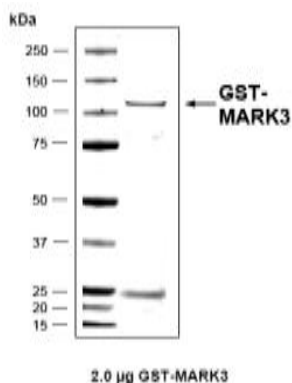


MARK3

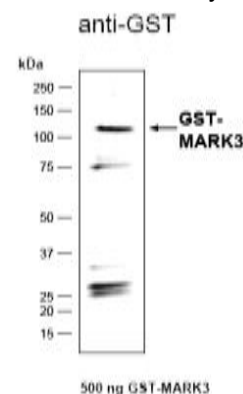
Recombinant Human MAP/Microtubule Affinity-Regulating Kinase 3 GST-His-Tagged

Catalog No.	CSI17138	Quantity:	50 µg
Alternate Names:	CTAK1, KP78, PAR1A		
Gene ID:	4140		
Protein Accession No:	NM_002376.4		
Description:	Recombinant human full length MARK3 (amino acids M ₁ -L ₇₁₃) N-terminally fused to GST-His ₆ -Thrombin cleavage site.		
Concentration:	0.082 mg/ml		
Source:	Sf9 insect cells		
Molecular Weight:	109.4 kDa		
Formulation:	Liquid in 50 mM HEPES, pH 7.5 + 100 mM NaCl + 5 mM DTT + 4 mM reduced glutathione + 20% glycerol		
Purification:	Affinity purified using GSH-agarose		
Specific Activity:	18 pmol/µg x min. Assay buffer: 60 mM HEPES-NaOH, pH 7.5 + 3 mM MgCl ₂ + 3 mM MnCl ₂ + 3 µM Na-orthovanadate + 1.2 mM DTT + 2.5 µg/50 µl PEG _{20,000} + ATP (variable) + 0.25 µg/50 µl CHKtide substrate + 200 ng/50 µl MARK3.		
Storage & Stability:	Store in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.		

Coomassie Stain:



Western Blot analysis:



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com