

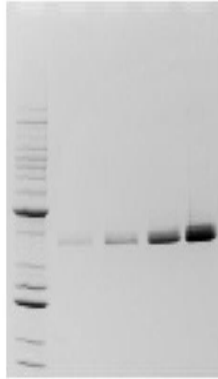
CAMK2B

Recombinant Human CAMK2B His

Catalog No.	CSI13336	Quantity:	10 µg
Alternate Names:	Calcium/calmodulin-Dependent Protein Kinase IIB, CaM kinase II-beta, CAM2, CaMK II, CAMK2, CAMKB		
Description:	Recombinant full length human CAMK2B with His tag, expressed in insect cells. No special measures were taken to activate this kinase.		
Concentration:	0.44 mg/ml total protein as measured using the Bradford protein assay with BSA as a standard. Calculated 7,270 nM.		
Gene ID:	816		
Source:	Insect cells		
Molecular Weight:	60.5 kDa		
Formulation:	Frozen Liquid in 50 mM Tris, pH 7.5 + 150 mM NaCl + 0.5 mM EDTA + 0.02% Triton X -100 + 2 mM DTT + 50% glycerol.		
Purity:	90% as determined by a Coomassie blue stained SDS-PAGE gel.		
Specific Activity:	774 nmole of phosphate transferred to Autocamtide-2 peptide substrate (KKALRRQETVDAL) per minute per mg of total protein at 30°C. Activity determined at a final protein concentration of 1.67 µg/ml.		
Amino Acid Sequence:	<p>MSYYHHHHHH DYDIPTTENL YFQGITSLYK KAGTMATTVT CTRFTDEYQL YEDIGKGAFS VVRRVCVKLCT GHEYAAKIIN TKKLSARDHQ KLREARICR LLKHSNIVRL HDSISEEGFH YLVFDLVTGG ELFEDIVARE YYSEADASHC IQQILEAVLH CHQMGVVHRD LKPENLLAS KCKGAAVKLA DFGLAIEVQG DQQAWFAGFAG TPGYLSPEVL RKEAYGKPV D IWACGVILYI LLVGYPPFWD EDQHKLYQQI KAGAYDFPSP EWDTVTPEAK NLINQMLTIN PAKRITAHEA LKHPWVCQRS TVASMMHRQE TVECLKKFNA RRKLKGAILT TMLATRNFSA AKSLLNKKAD GVKPQTNSTK NSAAATSPKG TLPPAALESS DSANTTIEDE DAKARKQEII KTTEQLIEAV NNGDFEAYAK ICDPGLTSFE PEALGNLVEG MDFHRFYFEN LLAKNKPIH TTILNPHVHV IGEDAACIAY IRLTQYIDGQ GRPRTSQSEE TRVWHRRDGK WQNVHFHCSG APVAPLQ</p>		
Storage & Stability:	Centrifuge Vial Prior to Opening. If properly stored at -80°C, this product is stable for 6 months. Avoid repeated freeze-thaw cycles.		



SDS-PAGE of CAMK2B. Lane 1, MW markers. Lanes 2-5, 1, 2, 5, and 10 μ g CAMK2B



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



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