

PRKCZ

Recombinant Human Protein Kinase C zeta GST Active

Catalog No.	CRP120A CRP120B	Quantity:	5 µg 10 µg
Alternate Names:	PKC-zeta, PKC2		
GenelD:	5590		
Protein Accession No:	NM_002744		
Description:	<p>Recombinant human full length PRKCZ with N-terminal GST tag. PRKCZ is an atypical isoform of the PKC family. PRKCZ is found in both particulate and soluble fractions and cannot be activated by phorbol ester. Overexpression of PRKCZ and subsequent phorbol ester treatment abolished phorbol ester-induced reduction in cell proliferation. Overexpression of PRKCZ also potentiates phorbol ester-induced mitogen-activated protein (MAP) kinase activation in a PKC-dependent manner. PRKCZ is an upstream modulator of p70S6K, an important regulator of cell proliferation.</p>		
Concentration:	0.1 mg/ml		
Source:	Sf9 insect cells		
Molecular Weight:	~ 93 kDa		
Formulation:	Liquid in 50 mM Tris-HCl, pH 7.5 + 150 mM NaCl + 0.25 mM DTT + 0.1 mM EGTA + 0.1 mM EDTA + 0.1 mM PMSF +25% glycerol		
Purity:	> 95% as determined by densitometry		
Specific Activity:	130 nmol/min/mg		
Storage & Stability:	Stable for 1 year in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.		

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