

PRKCD

Recombinant Human PRKCD/PKC delta Active GST-His

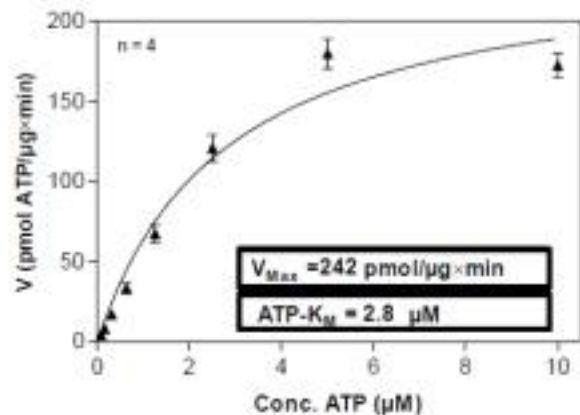
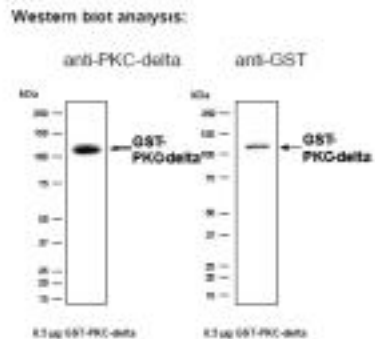
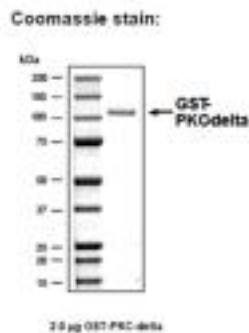
Catalog No.	CSI11190	Quantity:	50 µg
Alternate Names:	MAY1, MGC49908, PKCD, nPKC-delta, protein kinase C delta VIII		
Description:	Human PKC-delta, Amino acids M ₁ -E ₆₇₅ (as in GenBank entry NM_006254.3)*, N-terminally fused to GST-HIS ₆ -Thrombin cleavage site *Sequence may contain documented polymorphisms Detailed sequence on request		
Concentration:	0.162 µg/µl		
Gene ID:	5580		
Protein Accession No:	NM_006254.3		
Source:	Baculovirus infected Sf9 cells		
Molecular Weight:	Theoretical MW _{Fusion Protein} : 111,765 Da		
Formulation:	50 mM Tris-HCl, pH 8.0 + 100 mM NaCl + 5 mM DTT + 15 mM reduced glutathione, 20% glycerol		
Purification:	One-step affinity purification using GSH-agarose		
Product Identity:	PKC-delta was confirmed as PKC-delta by specific Western Blotting using anti PKC-delta antibody		
Specific Activity:	242 pmol/µg×min Method for determination of Km value and specific activity: • Assay conditions: 60 mM HEPES-NaOH, pH 7.5 3 mM MgCl ₂ 3 mM MnCl ₂ 1 mM CaCl ₂ 4 mM EDTA 3 µM Na-orthovanadate 5 µg / ml Phosphatidylserine 1 µg / ml 1.2 Dioleoyl-glycerol 1.2 mM DTT 50 µg / ml PEG _{20,000} ATP (variable) Substrate: PKC-derived peptide (R ₁₁ RFARKGSLRQKNV), 20 µg / ml Recombinant PKC-delta: 2.0 µg / ml		



- Filter binding assay
MSPH membrane (Millipore)

Storage & Stability: Store in working aliquots at -80°C . **Avoid repeated freeze-thaw cycles.**

Determination of K_m value for ATP:



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