

PIM2

Recombinant Human PIM2 Active GST-His

Catalog No.	CSI11189	Quantity:	50 µg
Alternate Names:	proto-oncogene Pim-2 (serine threonine kinase)		
Description:	Human PIM2, Amino acids M ₁ -P ₃₁₁ (as in GenBank entry XM_010208)*, N-terminally fused to GST-HIS ₆ -Thrombin cleavage site. *Sequence may contain documented polymorphisms Detailed sequence on request		
Concentration:	0.216 µg/µl		
Gene ID:	11040		
Protein Accession No:	XM_010208		
Source:	Baculovirus infected Sf9 cells		
Molecular Weight:	Theoretical MW _{Fusion Protein} : 64,096 Da		
Formulation:	50 mM Tris-HCl, pH 8.0 + 100 mM NaCl + 5 mM DTT + 4 mM reduced glutathione, 20% glycerol		
Purification:	One-step affinity purification using GSH-agarose		
Product Identity:	PIM2 was confirmed as PIM2 by specific Western Blotting using anti PIM2 antibody		
Specific Activity:	35 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 3 µM Na-orthovanadate 1.2 mM DTT 50 µg / ml PEG _{20,000} ATP (variable) Substrate: R ₁₁ -GSK3(14-27) (R ₁₁ -SGRARTSSFAEPGGK), 100 µg / ml Recombinant PIM2: 100 ng / ml • Filter binding assay MAPH membrane (Millipore)		

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



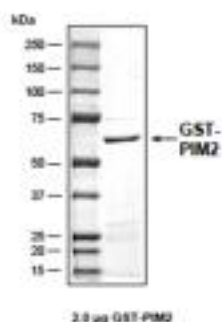
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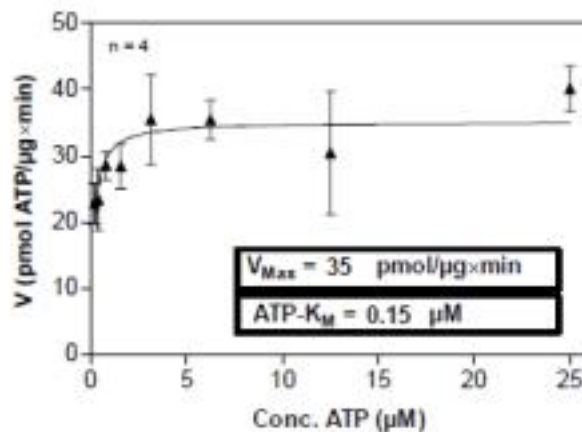
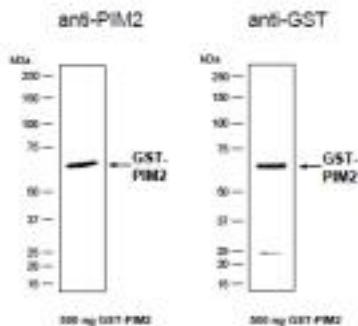
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Determination of K_m value for ATP:

Coomassie stain:



Western blot analysis:



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