

## PTK2B

### Recombinant Human PTK2B Protein Tyrosine Kinase 2 beta

<b>Catalog No.</b>	PTP071	<b>Quantity:</b>	10 µg
<b>Alternate Names:</b>	CADTK, CAKB, FADK2, FAK2, FRNK, PKB, PTK, PYK2, RAFTK		
<b>GeneID:</b>	2185		
<b>Protein Accession No:</b>	U33284		
<b>Description:</b>	Recombinant human full length PTK2B with N-terminal His tag.		
<b>Source:</b>	Sf9 insect cells		
<b>Molecular Weight:</b>	120.0 kDa		
<b>Formulation:</b>	Liquid in 25 mM Tris-HCl, pH 8.0 + 100 mM NaCl + 0.05% Tween-20 + 50% glycerol + 3 mM DTT		
<b>Purity:</b>	> 90% as determined by SDS-PAGE analysis		
<b>Biological Activity:</b>	20 U/mg. One unit is defined as the amount of enzyme that will phosphorylate 1 nmol of tyrosine substrate per minute at pH 7.4 and at 30°C. Assay buffer: 50 mM HEPES, pH 7.4 + 3 mM MgCl <sub>2</sub> + 3 mM MnCl <sub>2</sub> + 1 mM DTT + 3 µM Na-orthovanadate + 0.5 mM ATP + 30 µg/ml Poly (Glu:Tyr) 4:1 substrate + 4 µg/ml recombinant PTK2B.		
<b>Applications:</b>	Enzyme kinetics Screening inhibitors Selectivity profiling The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Stable for 6 months in working aliquots at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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