Active Recombinant Human PTK2B, His-tagged

Cat. No. PTK2B-570H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTK2B (Accession # NM_004103) amino acids 360 - 690, fused with an N-terminal His tag, was produced in baculovirus in Sf 9 insect cells.
Species	Human
Source	Sf9 Cells
ProteinLength	360-690 a.a.
Form	Supplied in 50 mM sodium phosphate (pH 7.0), 300 mM NaCl, 0.2 mM DTT, 150 mM imidazole, 0.1 mM PMSF, and 25% glycerol.
Bio-activity	The specific activity of PYK2 was determined to be 254 nmol/min/mg using a poly (Glu:Tyr, 4:1) synthetic peptide substrate
Molecular Mass	In SDS-PAGE migrates as 39 kDa.
Purity	The purity was determined to be >90% by densitometry
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

GENE INFORMATION

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Gene Name	PTK2B PTK2B protein tyrosine kinase 2 beta [Homo sapiens]
Official Symbol	PTK2B
Synonyms	PTK2B; PTK2B protein tyrosine kinase 2 beta; FAK2, protein tyrosine kinase 2 beta; protein-tyrosine kinase 2-beta; CADTK; CAKB; PTK; PYK2; RAFTK; FADK 2; CAK-beta; protein kinase B; focal adhesion kinase 2; cell adhesion kinase beta; proline-rich tyrosine kinase 2; calcium-dependent tyrosine kinase; related adhesion focal tyrosine kinase; calcium-regulated non-receptor proline-rich tyrosine kinase; PKB; FAK2; FADK2;
Gene ID	2185
mRNA Refseq	NM_004103
Protein Refseq	NP_004094
MIM	601212
UniProt ID	Q14289
Chromosome Location	8p21.1

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