

Recombinant Human PTK2B Protein Tyrosine Kinase 2 Beta, GST-tagged

Cat. No. PTK2B-1903H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanfull length PTK2B with N-terminal GST tag.
Species	Human
Source	Insect Cells
Description	PTK2B is a cytoplasmic tyrosine kinaseinvolved in calcium-induced regulation of ion channels and activation of themap kinase signaling pathway. No special measures were taken to activate thiskinase.
Form	Liquid in 50 mMTris, pH 7.85 + 150 mM NaCl + 0.5 mM EDTA + 0.02% Triton X-100 + 2 mM DTT +50% glycerol.
Molecular Weight	145.1 kDa
Storage	Stablefor 6 months in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.
OfficialSymbol	PTK2B
Full Length	Full L.

GENE INFORMATION

Gene Name	PTK2B PTK2B protein tyrosinekinase 2 beta [Homo sapiens]
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Synonyms	PTK2B; PTK2B protein tyrosinekinase 2 beta; PTK2B protein tyrosine kinase 2 beta; CAK beta;calcium-dependent tyrosine kinase; cell adhesion kinase beta; focal adhesionkinase 2; proline-rich tyrosine kinase 2; protein kinase B; protein tyrosinekinase 2 beta; related adhesion focal tyrosine kinase; EC 2.7.10.2
Gene ID	2185
mRNA Refseq	NM_004103
Protein Refseq	NP_004094
MIM	601212
UniProt ID	Q14289
Chromosome Location	8p21.1
Pathway	Calcium signaling pathway;Chemokine signaling pathway; GnRH signaling pathway; Leukocyttetrandothelial migration; Natural killer cell mediated cytotoxicity
Function	3-phosphoinositide-dependentprotein kinase binding; ATP binding; non-membrane spanning protein tyrosinekinase activity; nucleotide binding; protein complex binding; signaltransducer activity; transferase activity
Renderingbased on	PDB 2FO6.

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