

PTK2B 抗原（重组蛋白）

中文名称： PTK2B 抗原（重组蛋白）

英文名称： PTK2B Antigen (Recombinant Protein)

别 名： PKB; PTK; CAKB; FAK2; PYK2; CADTK; FADK2; RAFTK

储 存： 冷冻（-20℃）

相关类别： 抗原

概 述：

Fusion protein corresponding to C terminal 209 amino acids of human PTK2B

技术规格：

Full name:	protein tyrosine kinase 2 beta
Synonyms:	PKB; PTK; CAKB; FAK2; PYK2; CADTK; FADK2; RAFTK
Swissprot:	Q14289
Gene Accession:	BC042599
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a cytoplasmic protein tyrosine kinase which is involved in calcium-induced regulation of ion channels and activation of the map kinase signaling pathway. The encoded protein may represent an important signaling intermediate between neuropeptide-activated receptors or neurotransmitters that increase calcium flux and the downstream signals that regulate neuronal activity. The encoded protein undergoes rapid tyrosine phosphorylation and activation in response to increases in the intracellular calcium concentration, nicotinic acetylcholine receptor activation, membrane depolarization, or pr

rotein kinase C activation. This protein has been shown to bind CRK-associated substrate, nephrocystin, GTPase regulator associated with FAK, and the SH2 domain of GRB2. The encoded protein is a member of the FAK subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies. Four transcript variants encoding two different isoforms have been found for this gene.