

Recombinant Human PTK2B protein, Flag-tagged, Biotinylated

Cat. No. PTK2B-74H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PYK2 [1-967(end) amino acids of accession number NP_775267.1] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
Species	Human
Source	Insect Cells
ProteinLength	1-967 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	115 kDa
Purity	>90% as determined by SDS-PAGE and CBB staining
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Conjugation	Biotin

GENE INFORMATION

Gene Name	PTK2B PTK2B protein tyrosine kinase 2 beta [Homo sapiens]
Official Symbol	PTK2B

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Synonyms	PTK2B; PTK2B protein tyrosine kinase 2 beta; CADTK; CAKB; PTK; PYK2; RAFTK; FADK 2; CAK-beta; protein kinase B; focal adhesion kinase 2; PKB; FAK2; FADK2;
Gene ID	2185
mRNA Refseq	NM_004103
Protein Refseq	NP_004094
MIM	601212
UniProt ID	Q14289
Chromosome Location	8p21.1
Pathway	Alpha-synuclein signaling, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Cell-Cell communication, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem;
Function	3-phosphoinositide-dependent protein kinase binding; ATP binding; binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding; protein tyrosine kinase activity; protein tyrosine kinase activity; signal transducer activity;