

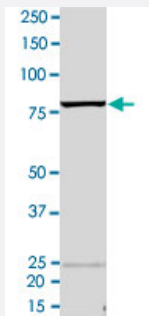
Bioactive

Full-Length

PTK6 (Human) Recombinant Protein

Catalog # P4637 Size 100 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human PTK6 (NM_005975, 1 a.a. - 451 a.a.) full-length recombinant protein with GST-His tag expressed in Sf9 cells.
Host	insect
Theoretical MW (kDa)	81.79000000000001
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purification	One-step affinity purification using GSH-agarose
Concentration	0.160 ug/uL

Activity	31 pmol/ug x min
Quality Control Testing	2 ug/lane SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0. (5 mM DTT, 4 mM reduced glutathione, 20% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — PTK6

Entrez GeneID	5753
Protein Accession#	NM_005975
Gene Name	PTK6
Gene Alias	BRK, FLJ42088
Gene Description	PTK6 protein tyrosine kinase 6
Omim ID	602004
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytoplasmic nonreceptor protein kinase which may function as an intracellular signal transducer in epithelial tissues. Overexpression of this gene in mammary epithelial cells leads to sensitization of the cells to epidermal growth factor and results in a partially transformed phenotype. Expression of this gene has been detected at low levels in some breast tumors but not in normal breast tissue. The encoded protein has been shown to undergo autophosphorylation. [provided by RefSeq]
Other Designations	OTTHUMP00000031656 breast tumor kinase protein-tyrosine kinase BRK

Disease

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- [Diabetes Mellitus](#)
- [Edema](#)