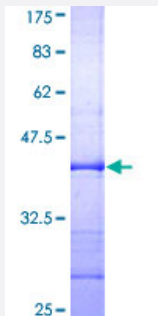


PTK6 (Human) Recombinant Protein (Q01)

Catalog # H00005753-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PTK6 partial ORF (NP_005966, 342 a.a. - 451 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	YLSHDHNIPYKWTAPEALSRGHYSTKSDVWSFGILLHEMFSGQVPYPGMSNHEAFLRVDAGYR MPCPLECPPSVHKLMLTCWCRDPEQRPCFKALRERLSSFTSYENPT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (82); Rat (83)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PTK6

Entrez GeneID [5753](#)

GeneBank Accession# [NM_005975](#)

Protein Accession# [NP_005966](#)

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

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