

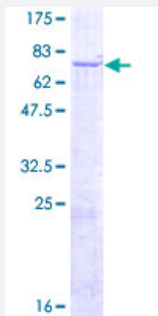
Full-Length

PTK6 (Human) Recombinant Protein (P01)

Catalog # H00005753-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PTK6 full-length ORF (NP_005966.1, 1 a.a. - 451 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVSRDQAHLGPKYVGLWDFKSRTDEELSFRA GDVFHVARKEEQWWWATLLDEAGGAVAQGY
VPHNYLAERETVESEPWF FGCISRSEAVRRLQAEGNATGAFLIRVSEKPSADYVLSVRDTQAVRH
YKIWRRAGGRLHLNEAVSFLSLPELVNYHRAQSLSHGLRLAAPCRKHEPEPLPHWDDWERPREE
FTLCRKLGSYGFEVFEGLWKDRVQVAIKVISRDNLLHQQMLQSEIQAMKKLRHKHILALYAVVSV
GDPVYITELMAKGSLELLRDSDEKVLVPVSELLDIAWQVAEGMCYLESQNYIHRDLAARNILVGEN
TLCKVGDFGLARLIKEDVYLSHDHNIPYKWTAP EALSRGHYSTKSDVWSFGILLHEMF SRGQVPYP
GMSNHEAFLRVDAGYRMP CPLECPPSVHKMLMLTCWCRDPEQRPCFKALRERLSSFTSYENPT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

78.2

Interspecies Antigen Sequence

Mouse (80); Rat (80)

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_005975.2
Protein Accession#	NP_005966.1
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](#)