

# Recombinant Human PTK6 Protein Tyrosine Kinase 6, GST-tagged, Active

Cat. No. PTK6-254H Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Recombinant full-length human BRK was expressed by baculovirus in *Sf9 insect cell* using a N-terminal GST tag. MW = 80 kDa.

### Species

Human

### Source

Sf9 Cells

### Description

BRK is a member of the non-receptor tyrosine kinases (PTKs) that contains an amino terminal SH3 and SH2 domain as well as the catalytic domain. BRK expression is low or undetectable in normal mammary tissue and benign lesions. However, approximately two-thirds of breast tumors express appreciable levels, and 27% of tumors over express BRK by fivefold or more.

### Sequence

Full-length.

### Applications

Kinase Assay, Western Blot.

### Storage And Stability

Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

## GENE INFORMATION

### Gene Name

PTK6 PTK6 protein tyrosine kinase 6 [ Homo sapiens ]

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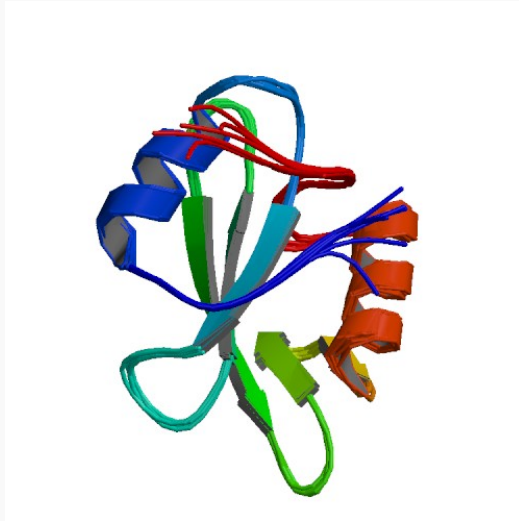
<b>Synonyms</b>	PTK6; PTK6 protein tyrosine kinase 6; BRK; FLJ42088; breast tumor kinase; protein-tyrosine kinase BRK; EC 2.7.10.2; Tyrosine-protein kinase 6; OTTHUMP00000031656; Tyrosine-protein kinase BRK
<b>Gene ID</b>	<a href="#">5753</a>
<b>mRNA Refseq</b>	<a href="#">NM_005975</a>
<b>Protein Refseq</b>	<a href="#">NP_005966</a>
<b>MIM</b>	<a href="#">602004</a>
<b>UniProt ID</b>	<a href="#">Q13882</a>
<b>Chromosome Location</b>	20q13.3
<b>Function</b>	ATP binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding; protein serine/threonine kinase activity; transferase activity

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