

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 <i>Sf9</i> insect cell/susing 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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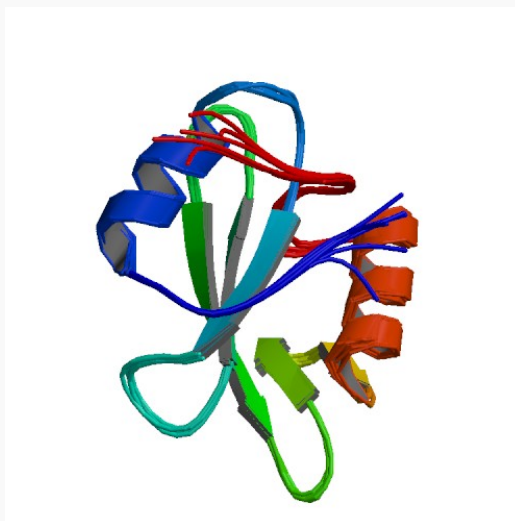
Synonyms	PTK6; PTK6 protein tyrosine kinase 6; BRK; FLJ42088; breast tumor kinase; protein-tyrosine kinase BRK; EC 2.7.10.2; Tyrosine-protein kinase 6; OTTHUMP00000031656; Tyrosine-protein kinase BRK
Gene ID	5753
mRNA Refseq	NM_005975
Protein Refseq	NP_005966
MIM	602004
UniProt ID	Q13882
Chromosome Location	20q13.3
Function	ATP binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding; protein serine/threonine kinase activity; transferase activity

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