

**Product:** BRK, active  
**Catalog #:** 02-2007  
**Amount:** 5 µg

**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 (1). 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 (2).  
The gene accession number is [NM 005975](#)  
Gene Aliases: PTK6

**SOURCE:** Recombinant full-length human BRK was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag

**MOLECULAR WEIGHT:** 80 kDa

**PURITY:** > 90% (by densitometry)

**FORM:** Purified, in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol

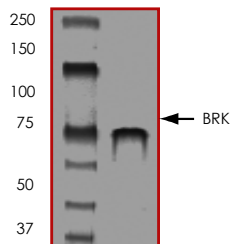
**CONCENTRATION:** 0.1 mg/ml

**SPECIFIC ACTIVITY:** 133 nmol/mim/mg

**STORAGE:** -70°C (aliquot). AVOID repeated Freeze/thaw cycles

**REFERENCE:**

1. Mitchell, P.J. et al: Cloning and characterisation of cDNAs encoding a novel non-receptor tyrosine kinase, brk, expressed in human breast tumours. *Oncogene*. 1994 Aug;9(8):2383-90
2. Mitchell, P.J. et al: Characterisation and chromosome mapping of the human non receptor tyrosine kinase gene, brk. *Oncogene*. 1997 Sep 18;15(12):1497-502. Erratum in: *Oncogene* 1998 Jul 9;17(1):129



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