

BRK recombinant protein

BRK, Active

CATALOG # AAA73887	HOST Sf9 insect cells	APPLICATIONS Western Blot
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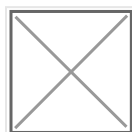
PRODUCT SYNONYMS

BRK; Active; PTK6; FLJ42088; BRK recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for BRK recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree 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.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for BRK recombinant protein	Recombinant full-length human BRK was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_005975. 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).
Product Categories/Family for BRK recombinant protein	Protein Kinases ; Cancer ; Cytoplasmic Tyrosine Kinases
References	1. Mitchell, P.J. et al: Cloning and characterisation of cDNAs encoding a novel non-receptor tyrosine kinase, brk, expressed in human breast tumours. <i>Oncogene</i> . 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. <i>Oncogene</i> . 1997 Sep 18;15(12):1497-502.Erratum in: <i>Oncogene</i> 1998 Jul 9;17(1):129.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_005975
Molecular Weight	~80kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/brk-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73887>