

Datasheet for ABIN7317095

PTK6 Protein (GST tag)**1** Image[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	PTK6
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTK6 protein is labelled with GST tag.

Product Details

Purpose:	Recombinant Human PTK6/Brk Protein (GST Tag)
Sequence:	Met 1-Thr 451
Characteristics:	A DNA sequence encoding the full length of human PTK6 (NP_005966.1) (Met 1-Thr 451) was fused with the GST tag at the N-terminus.
Purity:	> 89 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	PTK6
Alternative Name:	PTK6/Brk (PTK6 Products)
Background:	Background: Tyrosine kinase (PTKs) is a protein that carry out tyrosine phosphorylation, which play a fundamental role in cell proliferation, survival, adhesion, and motility and have also been demenstrated to mediate malignant cell transformation. Overexpression of this protein in

Target Details

mammary epithelial cells leads to sensitization of the cells to epidermal growth factor and results in a partially transformed phenotype. Two classes of PTKs are present in cells: the transmembrane receptor PTKs and the non-receptor PTKs. Tyrosine kinase(PTKs)-6/ BRK is a cytoplasmic non-receptor protein kinase which may function as an intracellular signal transducer in epithelial tissues. Tyrosine kinase(PTKs)-6/ BRK has been shown to undergo autophosphorylation. It has been found that the constitutive expression of the tyrosine kinase(PTKs)-6/ BRK is in a large proportion of cutaneous T-cell lymphomas and other transformed T- and B-cell populations. State BRK expression was also induced in normal T-cells. In clinical, the cytoplasmic tyrosine kinase PTK6 (BRK) shows elevated expression in approximately two-thirds of primary breast tumours, and is implicated in EGF receptor-dependent signalling and epithelial tumorigenesis.

Synonym: BRK

Molecular Weight:	78 kDa
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NCBI Accession:	NP_005966
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Application Details

Restrictions:	For Research Use only
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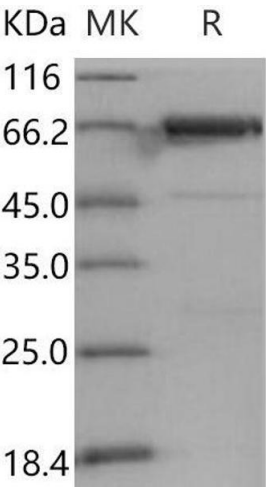
Handling

Format:	Frozen, Liquid
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Buffer:	Supplied as sterile 50 mM Tris, 100 mM NaCl, pH 8.0, 10 % glycerol
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Storage:	-20 °C
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Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
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Western Blotting

Image 1.