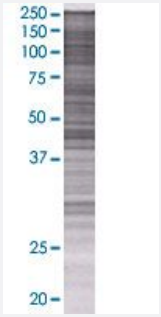
PTK6 293T Cell Transient Overexpression Lysate(Denatured)

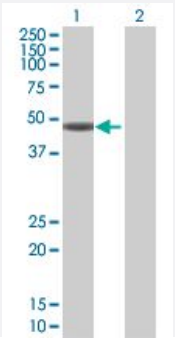
Catalog # H00005753-T01 Size 100 uL

Applications



SDS-PAGE Gel

PTK6 transfected lysate.



Western Blot

Lane 1: PTK6 transfected lysate (49.72 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PTK6 full-length
Host	Human
Theoretical MW (kDa)	49.72
Interspecies Antigen Sequence	Mouse (80); Rat (80)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-PTK6 antibody (H00005753-B01) by Western Blots. SDS-PAGE Gel PTK6 transfected lysate. Western Blot Lane 1: PTK6 transfected lysate (49.72 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PTK6

Entrez GeneID	5753
GeneBank Accession#	NM_005975.2
Protein Accession#	NP_005966.1
Gene Name	PTK6
Gene Alias	BRK, FLJ42088
Gene Description	PTK6 protein tyrosine kinase 6
Omim ID	602004
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytoplasmic nonreceptor protein kinase which may function as an intracellular signal transducer in epithelial tissues. Overexpression of this gene in mammary epithelial cells leads to sensitization of the cells to epidermal growth factor and results in a partially transformed phenotype. Expression of this gene has been detected at low levels in some breast tumors but not in normal breast tissue. The encoded protein has been shown to undergo autophosphorylation. [provided by RefSeq
Other Designations	OTTHUMP00000031656|breast tumor kinase|protein-tyrosine kinase BRK

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema