

Product datasheet for **SC212598**

Brk (PTK6) (NM_005975) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Brk (PTK6) (NM_005975) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PTK6
Synonyms:	BRK
ACCN:	NM_005975
Insert Size:	1565 bp



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Insert Sequence: >SC212598 3'UTR clone of NM_005975
 The sequence shown below is from the reference sequence of NM_005975. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGCTTACCAGCTACGAGAACCCGACCTGAGCTGCTGTGGAGCGGCATGGCCGGGCCCTGCTGAGGAG
GGGCCTGGGCAGAGGGCCTGGACCTGGGATCAAGGCCACGCGCTTCCCTGGGGTTTACTGAGGTGATG
GGTGCAGGAAAGTTACAAAATGTGGAGTGTCTGCGTCCAATACACGCGTGTGCTCCTCTCCTTACTCC
ATCGTGTGTGCCTTGGGTCTCAGCTGCTGACACGACGCTGCTCTGGAGCCTGCAGATGAGATCCGGGA
GACTGACACGAAGCCAGCAGAGGTGAGAGGGACTCTGACCACAGCCGCTCTCTGGCTGTCTGTCTGC
AGTGCCCGGCTGAGGGTGGGAGGCAAACACGCTTGTTCCTGCTTCCAGTTCAGCTTGGTGGGAGA
AAGTCATTGCGTGGCTCGGACGCTCATGTAATTTGGTTTTGGTGTCAAGGGTTCTTTCCTCCCAG
GGGCAGGTGTTTTCTTCTGTTTGTCTTGTGTCTTGTGAGAGCTTGGCCTTATGACCAGTGAGAACTCTCT
CCCTGGTCTCTGCCAGCCCAAGCATCACTGCCGAGGCGCCAGCTCAGTTTACCAGTCCAGTCCACAA
GGGGCTTTTCCCACCTTACCTTTGTCGCTGGGTGAGTGTGAAAGCGCCCTCACTCCTGCGCTGAC
AAGGGCCCTTCTACTGTCTGTGGGTGGTCCGGGCTGGGGGGCTGCCTCCTTTCACCTGATTTT
GAAGGTGTCTCTTTCATCCATGGTTAAGTCATAAAAAGCTTATTGGTTTTGGTTTTGACTCACCTGAAA
GTTTTTTTTGGTTAAAAGAAGATAGGCGGGGCACGGTGGCTCATGCCTGTAATCCCAGCACTTTGGGA
GGCTGAGGCAGGTGGATCAGGAGTCAAGGATCGACACCATCCTGGCTAACACGGTGAACCCCGTCT
CTACTAAAAAATACAAAAAATAGCTGGGTGTGGTGGTGGGGTGGGCGCCTGTAGTCCCAGTACGTG
GGAGGCTGAGGCAGCAGACTGGTGTGAACCCGGGAGGTGGAGCTTGCAGTGAGCCGAGATCGGCCACT
GCACTCCAGCCTGGGCGACAGAGCGAGACTCCATCTCAAAAAAAAAAAAAAAAAAAGAAAGAAAGAAA
AATAATTTTGGGAGTTTCTGAAAAGGTAAGGATTTCTCAAAAGGATTTGTCTTCTGCCTTGTGAAAG
ACAGATGTCAGACTAATCAGGCTTATCCGATGTGCTACATGAGATGAAAAGCGTGTGAAATAGTAAGTC
ACACTAAGTCTTCTGGAGTTCTATTTACGGGTTTGGTTTTGATGATGAATGTTGCAGAACTCTATAAA
ATTCTAGAAATCTGATACGTTATCCTATGATATATCCTATCTCACATGCTATTCTAGAAATCTGG
TGCAATGTTATCAGTCATAATTTGGTTATTACATTAATGCTGCATGCCACAGAAATAACCAAGTTT
CCTTGCCAACCGTGTACGAATATAATAAACTCTCATCAGATCCTGA
AGCGGACCGACTTACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCAGAGATTTGATTCCACCGCCG
  
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Restriction Sites: SgfI-RsrII

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_005975.4](#)

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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2012]

Locus ID: 5753

MW: 57.3