

Product datasheet for SC213730

PAK1 (NM_001128620) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PAK1 (NM_001128620) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PAK1
Synonyms:	alpha-PAK; IDDMSSD; p65-PAK; PAKalpha
ACCN:	NM_001128620
Insert Size:	1312 bp
Insert Sequence:	>SC213730 3'UTR clone of NM_001128620 The sequence shown below is from the reference sequence of NM_001128620. 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
CAGCCTCACTCCACTGATTGCTGCAGCTAAGGAGGCAACAAAGAACAATCACTAAAACCACTCACCC
CAGCCTCATTGTGCCAAGCCTTCTGTGAGATAAATGCACATTTAGAAAATCCAACCTCCTGATGCCCTC
TTCTCCTTGCCCTTGCTTCTCCCATTTCTGATCTAGCACTCCTCAAGACTTTGATCCTTGAAAACCGTG
TGTCCAGCATTGAAGAGAACTGCAACTGAATGACTAATCAGATGATGGCCATTTCTAAATAAGGAATTT
CCTCCCAATTCATGGATATGAGGGTGGTTTATGATTAAGGGTTTATATAAATAAATGTTTCTAGTCTTC
CGTGTGTCAAAATCCTCACCTCCTTCATAACCATCTCCCAACAATTAATCTTGACTATATAAATTTATG
GTTTGATAAATATCAATTTGTAATCAATTGAGATTTCTTTAGTGCTTGCTTTTCTGTGACTCAACTG
CCCAGACACCTCATTGTACTTGGAAACTGGAACAGCTTGGGAATGCCATGGGGTTTGATAATCTGCCAG
GGACATGAAGAGGCTCAGCTTCTGGACCATGACTTTGGCTCAGCTGATCCTGACATGGGAGAACAACC
ACATTTTCTTTGTGTGTCTTCTAGCAGCTGTTGGGAGGACCTTGACCAATAGTGTCCCATGCTG
TTTCTTGTAATGCTCTCGGCTATGTAGCAGCTTTTGATTCCCTGCATACCCTAGGCTGCTGCCCTA
TCCTGTCCCTGTTTATAACATTGAGAGTTTTCTAGGGCACATACTGAGTGAGAGCAGTGTGAGAAG
TCGGGGAAAATGGTGACTACTTTTAGAGCAAGGCTGGGCATCAGCACCTGTCCAGCTCTACTTGTGTGA
TGTTTCAGGAACCTCAGCCCTTTTTCTGCCTAGGATAAGGAGCTGAAAGATTAACCTGGATCTTCTAAT
GGTCCAAATCTTTGGTCACAATAAAGAGTCTCCAAATAGAGACTGCATGTTAGTTCTGGATGGATTT
GGTGGCCTGACATGATACCCTGCCAGCTGTGAGGGGACCCCGTTTTAAGATGCATGGCCAAGCTCTCT
GCAAAATGAAAATGCTTACACTGGGTGTTGGGGATGTTTGTACCTCCTGCTATTTTTGTGGTTTTGGTT
TGCTCTGAGGTACTACTGCCTCTGCAGCACAAATTTCTATTTCTGTCAATAAAAAGGAGATGAAAATATTC
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI



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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_001128620.2
Summary:	This gene encodes a family member of serine/threonine p21-activating kinases, known as PAK proteins. These proteins are critical effectors that link RhoGTPases to cytoskeleton reorganization and nuclear signaling, and they serve as targets for the small GTP binding proteins Cdc42 and Rac. This specific family member regulates cell motility and morphology. Mutations in this gene have been associated with macrocephaly, seizures, and speech delay. Overexpression of this gene is also reported in many cancer types, and particularly in breast cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2020]
Locus ID:	5058
MW:	48.6