

Product datasheet for SC210223

PAK4 (NM_005884) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PAK4 (NM_005884) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PAK4
ACCN: NM_005884
Insert Size: 855 bp
Insert Sequence: >SC210223 3'UTR clone of NM_005884

The sequence shown below is from the reference sequence of NM_005884. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCCCTCATGCGCCAGAACCAGCAGAGTGAAGGCCAGCGCCCTTCCCCTCAACCAAAGAGCCCCCGGG
TCACCCCGCCCCACTGAGGCCAGTAGGGGGCCAGGCCTCCCCTCCTCCAGCCCGGAGATGCTCCG
CGTGGCACCACCTCCTTGTGGGGTAGATGAGACCCTACTACTGAACTCCAGTTTGTCTCGTGAC
TTTTAGAAAAACACAGGGACTCGTGGGAGCAAGCGAGGCTCCCAGGACCCCCACCCTCTGGGACAGGCC
CTCCCCATGTTCTTCTGTCTCCAGGAAGGGCAGCGGCCCTCCCATCACTGGAAGTCTGCAGTGGGGGT
CGCTGGGGGTGGAGAGAACTAAGAGGTGAACATGTATGAGTGTGTGCACGCGTGTGAGTGTGCATGT
GTGTGTGTGCAAAGGTCCAGCCACCCCGTCTCCAGCCTGCAAGGGGTGTCTGGCGCCTTGCCCTGACAC
CCAGCCCCCTCTCCCCCTGAGCCATTGTGGGGTTCGATCATGAATGTCCGAAGAGTGGCCTTTCCCGT
AGCCCTGCGCCCCCTTTCTGTGGCTGGATGGGGAGACAGGTGAGGGCCCCCACCCTCTCCAGCCCCCTG
CAGCAAATGACTACTGCACCTGGACAGCCTCCTTTTCTAGAAGTCTATTTATATTGTCATTTTATAA
CACTCTAGCCCCCTGCCCTTATTGGGGACAGATGGTCCCTGTCTGCGGGGTGGCCCTGGCAGAACCAC
TGCTGAAGAACCAGTTCTGCCCCGTGAGCGACCCCCAGCCCCGCCACCCTGCCTCGAGTTAGTT
TTACAATTAACATTGTCTTGTGTTT
AGCGGACCGACTTACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCAGCAAGCGACGCC
CAACCTGCCATCACGAGATTTGATTCCACCGCCGC
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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).



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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_005884.5
Summary:	PAK proteins, a family of serine/threonine p21-activating kinases, include PAK1, PAK2, PAK3 and PAK4. PAK proteins are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. They serve as targets for the small GTP binding proteins Cdc42 and Rac and have been implicated in a wide range of biological activities. PAK4 interacts specifically with the GTP-bound form of Cdc42Hs and weakly activates the JNK family of MAP kinases. PAK4 is a mediator of filopodia formation and may play a role in the reorganization of the actin cytoskeleton. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Locus ID:	10298
MW:	31.1