

Product datasheet for **SC100365**

PXK (NM_017771) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PXK (NM_017771) Human Untagged Clone
Tag:	Tag Free
Symbol:	PXK
Synonyms:	MONAKA; SLOB
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF sequence for NM_017771 edited
 ATGGCCTTCATGGAGAAGCCGCCAGCCGCAAGGTGCTGCTGGACGACACGGTGCCGCTG
 ACAGCAGCCATCGAGGCGAGCCAGAGCCTGCAGTCCCACACGGAATATATTATTCGAGTG
 CAAAGAGGAATTTCTGTGGAAAACAGCTGGCAGATTGTTAGAAGATACAGTGACTTTGAT
 TTGCTTAAACAACAGCTTACAGATTGCAGGCCTAAGTCTACCTTCTCTCCAAAAAATTG
 ATTGGTAAACATGGATCGTGAATTCATAGCTGAAAGGCAGAAAGGTCTTCAGAACTATCTC
 AACGTGATCACAAACAAATCATATCTTGTCTAATTGTGAGCTGGTTAAGAAGTTTTAGAT
 CCAAACAACCTATTCCGCAAACTATACTGAGATTGCCTTGCAACAGGTTTCCATGTTCTTC
 CGATCAGAACCAAGTGGGAGGTGGTGGAACTTTGAAAGACATAGGTTGGAGAATAAGG
 AAGAAATATTTCTTGATGAAGATTA AAAATCAGCCAAAGGAACGGCTAGTGTAAAGCTGG
 GCTGACCTTGGCCAGACAAGTATTTGTCAGATAAAGATTTTCAGTGTCTAATCAAACCT
 CTGCCCTTCTGTTGCACCCTTACATCTATCGGGTTACCTTTGCCACAGCTAATGAATCC
 TCAGCGTTGCTAATTAGGATGTTAACGAAAAGGGAACATTGAAGGATCTGATCTACAAG
 GCAAAACCAAAAGACCCATTTCTAAAGAAGTACTGCAACCCTAAGAAGATTCAGGGCCTG
 GAACTCCAGCAAATAAAAACATATGGACGGCAAATATTAGAGGTTACTGAAGTTTCTTCAT
 GACAAGGGATTCCCTTATGGGCATCTTACGCCTCCAATGTGATGCTCGATGGGGACACT
 TGCCGGCTGCTGGACCTTGAGAATTCCTTATTGGGCTGCCTTCTTCTACCGATCTTAT
 TTTTACAATTCAGGAAAATCAATACATTGAAAAGTGTGGATGTCCACTGCTTTGGCCAC
 TTAAGTATGAAATGACTTATGGACGACCGCCAGACTCGGTGCCTGTGGACTCCTTCCCT
 CCTGCCCGTCCATGGCTGTGGTGGCCGTGTTGGAGTCTACGCTGTCTTGTGAAGCTGT
 AAAAATGGCATGCCTACCATCTCCCGCTCTTACAGATGCCATTATTCAGCGATGTTTTA
 CTAACCACTTCTGAAAAACACAGTTTAAAGATCCCTACAAAGTTAAAAGAGGCATTGAGA
 ATTTGCCAAAGAATGTATAGAGAAGAGACTAATTGAGGAACAGAAACAGATTCACCAGCAT
 CGAAGACTGACAAGAGCTCAGTCCACCATGGATCTGAGGAGGAAAGAAAAAAGAAAG
 ATTTTAGCTCGAAAGAAGTCAAAACGATCTGCTCTTAAAATAGTGAAGGCATTACAGCG
 AAGTACAGCAACTCCAATAATTCAGGATCTGGGGCCAGCTCACCTCTCACGTCCCGTCA
 TCGCAACTCCACCCTTACATCAGGGATCTGCATTACCTCCACCTCTCCACCTCCA
 CCACCACCAGCAGCTCCCTTGCCTCCTGCGAGCACCGAGGCACCTGCCAGCTCTCGTCT
 CAGGCTGTGAATGGCATGAGCCGAGGGCCTTGCTCAGCTCCATCCAGAATTTCCAAAAA
 GGAACCTTGGAGAAAGCCAAAACCTGTGATCACAGTGTCCGAAGATCGGCTGA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_017771 unedited
 AAAACGGAAACNCCCCCCCCCNCNCGNNTGTTTCAGAAATTGTATACGACTCATATAGG
 CGGCCGCGCCCTGAGCGGCGCGGCCGGGCGTCCCGGGATGGCCTTCATGGAGAAGCCGC
 CAGCCGGCAAGGTGCTGCTGGACGACACGGTGCCGCTGACAGCAGCCATCGAGGCGAGCC
 AGAGCCTGCAGTCCCACACGGAATATATTATTCGAGTGCAAAGAGGAATTTCTGTGGAAA
 ACAGCTGGCAGATTGTTAGAAGATACAGTACTTTGATTTGCTTAAACAACAGCTTACAGA
 TTGCAGGCCTAAGTCTACCTTCTCTCCAAAAAATTGATTGGTAAACATGGATCGTGAAT
 TCATAGCTGAAAGGCAGAAAGGTCTTCAGAACTATCTCAACGTGATCACAAACAAATCATA
 TCTTGTCTAATTGTGAGCTGGTTAAGAAGTTTTTAGATCCAAACAACATTTCCGCAAACT
 ATACTGAGATTGCCTTGCAACAGGTTTCCATGTTCTTCCGATCAGAACCAAAAGTGGGAGG
 TGGTGGAACTTTGAAAGACATAGGTTGGAGAATAAGGAAGAAATATTTCTTGATGAAGA
 TTA AAAATCAGCCAAAGGAACGGCTAGTGTAAAGCTGGGCTGACCTTGGCCAGACAAGT
 ATTTGTCAGATAAAGATTTTCAGTGTCTAATCAAACCTTCTGCCTTCTGTTTGCACCCTT
 ACATCTATCGGGTTACCTTTGCCACAGCTAATGAATCCTCAGCGTTGCTAATTANGATGT
 TTA AACGAAAGGGAACATTGNANGATCTGATCTACANGGCANAACCAAGACCCAATTCT
 AAGAAGTACCTGCACCCTAAGAAGATCCAGGNCCTGNAACCTCCAGCAATAANAACATGG
 ACGGCAATATTAAGTACTGAAGTTTCTCATGACAGGGGATTCCCTTATGGCATCTCCC
 GCTTCATGTGAGC

Restriction Sites: NotI-NotI
ACCN: NM_017771

Insert Size:	3000 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_017771.2 , NP_060241.2
RefSeq Size:	2050 bp
RefSeq ORF:	1737 bp
Locus ID:	54899
UniProt ID:	Q7Z7A4
Cytogenetics:	3p14.3
Domains:	pkinase, PX
Protein Families:	Druggable Genome, Protein Kinase
Gene Summary:	<p>This gene encodes a phox (PX) domain-containing protein which may be involved in synaptic transmission and the ligand-induced internalization and degradation of epidermal growth factors. Variations in this gene may be associated with susceptibility to systemic lupus erythematosus (SLE). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]</p> <p>Transcript Variant: This variant (1) encodes isoform a (also known as isoform 1).</p>