

Product datasheet for MC201207

Pbk (NM_023209) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pbk (NM_023209) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pbk
Synonyms: 2810434B10Rik; AW538537; D14Ertd732e; TOPK
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC020099 sequence for NM_023209
 GCGGGAGGGAGCTGTTCCCTGCATTTTCTGGAGCGAGTCTTCTGACTGCTTTTAGTTAGAAGTCCAGTGCC
 CCTCGGCGGGCCGCGCCTTTGAAAATGCGCGCGCCCTAACCGCTGCGGGGTTACGCTGTTGGCGGGAG
 GGAGCTGAGCCTGCACTTTCCGGACTAGGTGTCCAGACAGCTTTGAGCCAGCCCGTCACTTTCACCTTTT
 TACCCGAGCGTGCAGCGTGGACCTAACGTGATTGCTACAATGGAAGGAATTAATAATTTCAAGACGCCA
 AACAAATCTGAAAAAGGAAATCTGTATTATGTTCCACTCCATGTGTAATATCCCTGCCTCTCCATTTA
 TGCAGAAGCTTGGCTTTGGGACTGGGTGAGCGTTTACCTAATGAAAAGATCTCCAAGAGGGTTGTCTCA
 TTCTCCTTGGGCCGTGAAAAAGATAAGTCTTTTATGCGATGATCATTATCGAAGTGTGTATCAGAAGAGA
 CTAAGTGAAGCTAAGATTTTAAAAACCTTAATCACCCAAACATTATAGGATATCGTCTTTACTG
 AAGCCAGTGTAGTGTGCTTGTGCTTGTATGGAGTATGGAGGTGAAAAGTCTCTGAATGACTTAATAGA
 AGAGCGGAACAAAGACAGTGAAGTCCCTTTCCAGCAGCTGTAATTCTCAGAGTTGCTTGCACATGGCC
 AGAGGGCTAAAGTACCTGCACCAAGAAAAGAAGCTGCTTCATGGAGACATAAAGTCTTCAATGTTGTAA
 TTAAGGTGATTTTGAACAATTAATCTGTGATGTAGGAGTCTCTCTGCCATTGGATGAAAATATGAC
 TGTGACTGATCCTGAGGCCTGTTATATTGGTACTGAGCCATGGAACCAAGGAAGCGTTGGAAGAAAAAT
 GGCATCATTACTGACAAGGCAGATGTGTTTGGCTTTTGGCCTTACTCTGTGGGAAATGATGACTTTATGTA
 TTCCACACGTCATCTCCAGATGATGATGTTGATGAAGATGCAACCTTTGATGAGAGTGACTTCGATGA
 TGAAGCATATTATGCAGCTCTGGGACAAGGCCATCCATCAACATGGAAGAGCTGGATGACTCCTACCAG
 AAGGCCATTGAACTCTTGTGTGTGACTAATGAGGATCCTAAAGATCGCCCGTCTGCTGCACACATCG
 TTGAAGCTTTGGAAGTATGAGTGGCAATGTTGTTGTTCTAAGCTCAAAGCATTAACTGATGGGAAGTGT
 AACTAGATATATGTAGTTAATATAACTTATGGTAGCTAGATTCTAGAAGTAGCTTTAACACTAGTGACCC
 CTGTCTAAGATGACTTAAGAATCAAGGGACCATTGCTTTGTTACAGATCTTTTTAGATATTCTTGCTTCT
 TTAGTGGGTTACTAAAAATTTCACTACGTACATGTGGTACAGATATCTGTCTGCTCATAGTGTGAGTCTC
 TCAGCTGGCCTGTGAGCCATGCGCCCTGGGACTTGAGAAGAGTTCATAAACGTAGCTCCTAGGGTGTCT
 TGCCTCTACACTTAGCTTTTAAATTTACTTTGTTTCTACTGATTGTGTCTTAAGTCTTTTAAAAATA
 AATGTAAGAATAAACAATAAAAGACAGTTTTAGTACCAGGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_023209
Insert Size:	993 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:	BC020099 , AAH20099
RefSeq Size:	1693 bp
RefSeq ORF:	993 bp
Locus ID:	52033
UniProt ID:	Q9J178
Cytogenetics:	14 34.36 cM
Gene Summary:	Phosphorylates MAP kinase p38. Seems to be active only in mitosis. May also play a role in the activation of lymphoid cells. When phosphorylated, forms a complex with TP53, leading to TP53 destabilization (By similarity).[UniProtKB/Swiss-Prot Function]