

Product datasheet for **MC204065**

Ilkap (NM_023343) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ilkap (NM_023343) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ilkap
Synonyms: 0710007A14Rik; 1600009O09Rik; PP2C-DELTA
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC026953
 CCCGCGGTGAGTGACGGCGCCGCCGCCGCCGCCGCCAGGGTAGCGCGGAGCCTCCGCTCCACTGCC
 CCGCCGCATGGACCTTTTCGGGGACCTGCCGGAGCCCGAGCGCGCCGCCATCTGCCGGGAAGGA
 AGCACAGGGACGACCCGTGCTCTTTGAGGACCTGCCCGGCCAGCAGTACTGACTCAGGCTCTGGGGGA
 CCTTTACTCTTTGATGATCTTCCGCTGCTGCCAGTGGCAATTCAGGTTCTTTGCCACATCAGGTTCCC
 AGGTGGTGAAGACTGAAGGAAAGGAGCAAAGAGGAAAGCCCTGAGGAGGAGAAGAATGGCGGTGAAGA
 GCTTGTGAAAAGAAAGTTTGTAAAGCCTCTTCGGTGATCTTTGGTCTGAAAGGCTATGTGGCAGAGCGG
 AAGGGTGAGAGGAGGAGATGCAGGATGCCCATGTCATCTGAACGATATCACTCAGGAGTGAATCCTC
 CATCATCTCTACTCGGGTTTCATACTTTGCTGTGTTTGGTGGACATGGAGGAATACGAGCCTCGAA
 ATTTGCTGCACAGAATTTGCACCAGAATTAATCAGGAAATTTCTAAAGGAGATATAATCAGTGTGGAG
 AAGACTGTAAGAGGTGTCTGCTAGATACTTTAAGCACACCGATGAAGAGTTTCTGAAACAGGCTTCAA
 GCCAGAAGCCTGCCTGGAAGACGGGTCCACTGCCACGTGTGCTTGGCTGTGGACAACATCCTGTATAT
 CGCCAACCTTGGAGATAGTCGGGCAATCCTGTGTCGATATAATGAGGAAAGTCAAGACACGCGCCTTA
 AGCCTCAGCAAAGAGCACAACCCAACTCAGTATGAAGAGCGCATGAGGATACAGAAAGCTGGAGGGAATG
 TCAGAGATGGGCGTGTCTTGGGCGTGTGGAGGTATCGCGTTCCATTGGAGATGGGCAGTACAAGCGCTG
 TGGGGTACATCTGTGCCTGATATCAGACGCTGCCAGCTGACCCCAATGACAGGTTCAATTTGCTGGCT
 TGCGACGGGCTTTCAAGGTCTTTACCCAGAAGAAGCTGTGAACTTCATCTTGTCTGCCTTGAGGATG
 ACAAGATCCAGACCCGGGAAGGGAAGCCTGCTGTTGATGCCCGCTATGAAGCTGCATGCAACAGGCTGGC
 CAACAAGGCAGTGCAGCGGGCTCAGCAGACAACGTGACGGTGATGGTGGTGAGGATAGGACACTGAGGC
 CAGCACACTGGCGTGTGCTCTTGACTTGCAGGTTCAATTTGTTTGTGACGCTGTGTACTCCTGTGGG
 ACTTCCATGTTGTAATAAAGGTTTCTTTTTTCTAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_023343
Insert Size: 1179 bp



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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:	BC026953 , AAH26953
RefSeq Size:	1391 bp
RefSeq ORF:	1179 bp
Locus ID:	67444
UniProt ID:	Q8R0F6
Cytogenetics:	1 D
Gene Summary:	Protein phosphatase that may play a role in regulation of cell cycle progression via dephosphorylation of its substrates whose appropriate phosphorylation states might be crucial for cell proliferation. Selectively associates with integrin linked kinase (ILK), to modulate cell adhesion and growth factor signaling. Inhibits the ILK-GSK3B signaling axis and may play an important role in inhibiting oncogenic transformation (By similarity). [UniProtKB/Swiss-Prot Function]