

Product datasheet for **MC206981**

C530044N13Rik (BC034347) Mouse Untagged Clone

Product data:

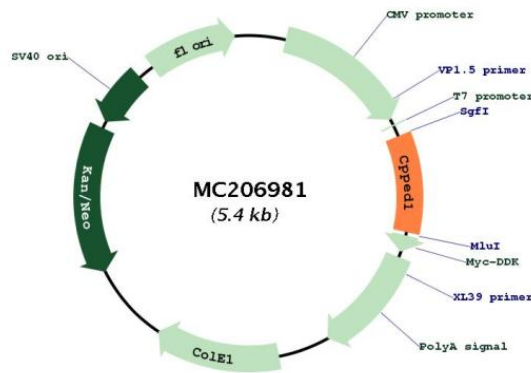
Product Type:	Expression Plasmids
Product Name:	C530044N13Rik (BC034347) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	C530044N13Rik
Synonyms:	MGC27760
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206981 representing BC034347. Blue =ORF Red =Cloning site Green =Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGGAAGGTCCATTCTACTTCGTCCAAGGCGCAGACACTCAGTTTGGACTGATGAAGCCTGGTCTC
AACTCCCAGTTCTGTACGATGCCTCCAGGTGCCCGCACTGAAGCAGGCCAGGATCACTGGCTGGAC
CAACAGCTGAACATTGCAGAGCAGAAACAGTGCCAGCACGCCATTGTCTCCAGCATATCCCGCTATTC
CTGCAGAGTATTGATGAAGATGACGACTACTTCAACCTCACTAAGACCGTCCGTAAGGAAGTGGCCGAA
AAGCTCACCAGAGCAGGTATCAGAGCTGTGTTCTCCGGGCACTACCACAGGAATGCCGGGGAACTAC
CAGAATCTTGACATGGTAGTTTCATCTGCTATCGGGTCCAGCTGGGCAAAGACCCACGGGCTCCGT
GTGGTGGCCATCACTGCCGAGAAGATTGTTTCATCGTTACTACAGTTTAGATGAGCTGAGCCAGGGTGGG
GTCGAGGAGGACCTGAAGGAGCTGCTGAAGGAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: BC034347

Insert Size: 519 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:

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: [BC034347](#)

RefSeq Size: 2343 bp

RefSeq ORF:	518 bp
Locus ID:	223978
Cytogenetics:	16 A1
MW:	19.7 kDa
Gene Summary:	Protein phosphatase that dephosphorylates AKT family kinase specifically at 'Ser-473', blocking cell cycle progression and promoting cell apoptosis. May play an inhibitory role in glucose uptake by adipocytes (By similarity).[UniProtKB/Swiss-Prot Function]