

Product datasheet for MC206940

Katnal2 (BC069977) Mouse Untagged Clone

Product data:

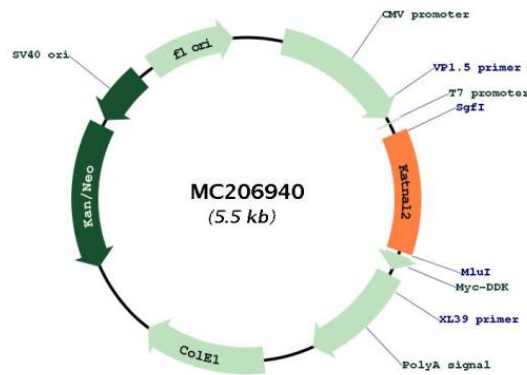
Product Type: Expression Plasmids
 Product Name: Katnal2 (BC069977) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Katnal2
 Synonyms: 3110023G01Rik; 4933439B08Rik
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >MC206940 representing BC069977.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGCTTTCTTACCAGACTCTCAAACCTCACTCACCAGGCGCGGGAGGCGTACGAGATGAGAACAGAA
GCACGGCGAAAAAATCTTCTCATTCTGATTTTGCATTACTTAACACAAGAAGGCTACATGGATGCAGCT
AAGGCTTTGGAGGAGGAGACCAAACCTGGGATTACGGCGCTTTGAAGTTTGTGACAACGTTGACCTGGAA
ACTATTTTGTGGAATATGAGAGCTATTATTTTGTAAAGTTCCAGAAGTACCCCAAAGTGGTTAAGAAG
GCCCCGGACCCAGTGAAAATAATTTACCGTCACGAAGTGGAGGGAAGAACAAGGCTGACGAATGAC
AGTTGTCAAAATCTCCCAAGATATGTCACCAGAAGTACGACCTAAAACCTCAGCAGTGAAGACAGGG
GACACCAAATCTGTCAAGGAACACCTTAAACAGGAGAGTGTCACTGACACTCAAGCAGAGAGCACTGAC
TTCGGCCTGAACATATCAAAAATCCACAAGACCAGCCAGAGGAAAAGGCCAAACCAAGAGTGAGT
GGAGCTCAGGGTCTTAGGATGGAAAGGGGCACTTGTCTCAAGAAAAGGAAAATAAAGCATACAGTTGT
TGCCAAACAGGAAAGCGAAGACAGAAGCATTA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:


ACCN: BC069977

Insert Size: 654 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: [BC069977](#)

RefSeq Size: 1554 bp

RefSeq ORF: 653 bp

Locus ID:	71206
Cytogenetics:	18 E3
MW:	25.1 kDa
Gene Summary:	Severs microtubules in vitro in an ATP-dependent manner. This activity may promote rapid reorganization of cellular microtubule arrays.[UniProtKB/Swiss-Prot Function]