

Product datasheet for **MC217603**

Knop1 (NM_023197) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Knop1 (NM_023197) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Knop1
Synonyms:	2310008H09Rik; Tsg118
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217603 representing NM_023197
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGCGGTTTCTACAGCAACCCAGGGCACCGGGAGGCCGCGACCCGGAAGGAGAAGGATTTTCGAGGG
 GCGGGCCAGAAAGTCGAAGCTGACTTCCGGATCGCGGCTGCGCGGCTGCTCACGCGGGGACGCTTGCC
 TGCTAGCGAACCAAGTAATGGTCAGCAAGACCCAGAAAGCAGACCTGGGCCACAACCTCCAGAGAAGAAG
 AAAAAAGAAGAAGAAAAAGAGAGTGGTTGCAATGTCTCAGAACCAGAGACTCAATACTCAGTCTTAA
 ACAGTAATGATTATTTTATAGACGCTTCTCCTCCGAGGGCCACGTCCTTCTAACAAATGTGGATGAGGT
 GCAGATCCCCGAGATATCACTGAGCAAGAGAAAGAAAAAAGTCTGTAGCACTCACTTGGAGGAG
 TGCTGGGGGCTGAGCCTACACGGGCAAGGCAGAAAAAGTCACCTAGCCCTAGAAGGCAGGCCCTTGAGC
 AGTCAGCAGAAGGCCTCATCAGAGAGAAGAAAAAGAGGCGGAAGTCCTTATCAAAGGCTGCCTCCCA
 AGGCTCAGGGCTGAAGACCTCCCGAGCCCAAGCATGCCAAGGAGGTAAGCAAAGCTGGTAGGAAGTCC
 AAAAAACAAAGGAAGGAAAAAAGGTTCTTGACACGGAAGCCCTTCTCCCGAGGACGCTTGCTCTACG
 AGGCTGGGGATTCCCTGCACTCATGCTTAGAGGGGCGAGAGGCAGAGGAACAGGCAGCCTTGGGGCAGAA
 AAGGAAGCAGGGGAGCCCGAGAGATCACAAATGAAGAAAAAGAAGAAGACCCACCAGGAGGGAGAC
 ATCCTCTGGTCAACTCCAGGGTCTCTGTGGAGAACAGCCTGAAGAAAGGGAGTAAGAAGTCAGTCAAAA
 GTGAAGCTTTGGAGTTCGTTCCAATAGACAGCCCGAAGGCCCTGGGAAGAAGAAAGTCAAATCCAAGAA
 AAAGGTGGAACAGCCAGTTGGTGAAGGGCTGGCTGTGAAAAGGAAGAAGAAGAAGAAGAAGAGGAAA
 GAGAACGGAGTAAAGGAAGACCCCTGGCAGGAGGAAAAGGAGGAGTCAGACACAGACTTAGAGGTGGTAC
 TGGAGAAAAAGCAACATGGATGAGACCTGCATAGACCAGGTGAGACGGAAGGCCTTGAAGAAGAGAT
 TGATCGTGAGTCGGCAAGACAGAGGCTTCAGAACCCAAAAAGTGGACAGTGGGTTTGTCCGGTCAAGACA
 GAGGCTTCAGAACCCAAAAAGTGGACGGGAACCCAGTTTGGCCAGTGGGATACTGCCGGCTTTGAAAATG
 AAGAACAGAAGCTAAAATTCCTGAAGCTTATGGGTGGCTTAAAGCATCTGTCCCGTCATTCAGCCGCC
 TCCCGAGTACTATCAGGTCCAACATGGCCCTGGACAAAAAGTCTTCAGAAATGCTCCAGCAGAGTCTG
 CAGCAGGACTATGACCGGGCCATGAGCTGGAAGTACAGCCACGGGGCTGGCCTGGGCTTTAACTCTGAGG
 CCCGAAAGTCTTCTACATTGACCGGAATGCCTCCAAGTCTATCAAGTTGCAAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_023197
- Insert Size:** 1599 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: [NM_023197.3](#), [NP_075686.2](#)

RefSeq Size: 5397 bp

RefSeq ORF: 1599 bp

Locus ID: 66356

UniProt ID: [Q9Z2Q2](#)

Cytogenetics: 7 F2