

Product datasheet for **MC210343**

Knop1 (NM_001168218) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Knop1 (NM_001168218) 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
Fully Sequenced ORF: >MC210343 representing NM_001168218
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGACGCGGTTTCTACAGCAACCCAGGGCACCGGAGGCCGCGACCCGGAAGGAGAAGGATTTGAGGG
GGCGGGCCAGAAAGTCAAGCTGACTTCCGGATCGCGGCTGCGCGGCTGCTCACGCGGGACGCTTGGCC
TGCTAGCGAACCAAGTAAATGGTCAGCAAGACCCAGAAAGCAGACCTGGGCCACAACCTCCAGAGAAGAAG
AAAAAGAAGAAGAAGAAAAGAGAGTGGTTGCAATGTCTCAGAACCAGAGACTCAATACTCAGTCTTAA
ACAGTAATGATTATTTTATAGACGCTTCTCCTCCGAGGGCCACGTCCCCTTCTAACAAATGTGGATGAGGT
GCAGATCCCCGAGATATCACTGAGCAAGAGAAAAGAAAAAAGTCCCTGTAGCACTCACTTGGAGGAG
TGCTGGGGGCTGAGCCTACACGGGCAAGGCAGAAAAAGTACCTAGCCCTAGAAGGCAGGCCCTTGAGC
AGTCAGCAGAAGGCCTCATCAGAGAGAAGAAAAAGAGGGCGGAAGTCCCTATCAAAGGCTGCCTCCCA
AGGCTCAGGGCTGAAGACCTCCCAGACCCCAAGCATGCCAAGGAGGAGTACAGACAGACTTAGAGGTG
GTACTGGAGAAAAAGGCAACATGGATGAGACCTGCATAGACCAGGTGAGACGGAAGGCCTTGAAGAAG
AGATTGATCGTGAGTCGGGCAAGACAGAGGCTTCAGAACCCAAAAAGTGGACAGTGGGTTGTGCGGTCAA
GACAGAGGCTTCAGAACCCAAAAAGTGGACGGGAACCCAGTTTGCCAGTGGGATACTGCCGGCTTTGAA
AATGAAGAACAGAAGCTAAAATTCCTGAAGCTTATGGGTGGCTTTAAGCATCTGTCCCCGTATTAGCC
GCCCTCCAGCATGACTATCAGGTCCAACATGGCCCTGGACAAAAAGTCTTCAGAAATGCTCCAGCAGAG
TCTGCAGCAGGACTATGACCGGGCCATGAGCTGGAAGTACAGCCACGGGGCTGGCCTGGGCTTTAACTCT
GAGGCCCGAAAGGTCTTCTACATTGACCGGAATGCCTCCAAGTCTATCAAGTTGCAAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001168218



Insert Size:	1113 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:	<u>NM_001168218.1</u> , <u>NP_001161690.1</u>
RefSeq Size:	4911 bp
RefSeq ORF:	1113 bp
Locus ID:	66356
UniProt ID:	<u>Q9Z2Q2</u>
Cytogenetics:	7 F2