

Product datasheet for MC218360

Knop1 (NM_001168220) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Knop1 (NM_001168220) 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: >MC218360 representing NM_001168220
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGTCAGCAAGACCCAGAAAGCAGACCTGGGCCCACTCCCAGAGAAGAAGAAAAAGAAGAAGA
 AAAAGAGAGTGGTTGCAATGTCTCAGAACCAGAGACTCAATACTCAGTCTTAAACAGTAATGATTATTT
 TATAGACGCTTCTCCTCCGAGGGCCACGTCCCCTTCTAACAATGTGGATGAGGTGCAGATCCCCGAGATA
 TCACTGAGCAAGAGAAAGAAAAAAGTCCGTAGCACTCACTTGGAGGAGTGCCTGGGGGCTGAGC
 CTACACGGGCAAGGCAGAAAAAGTCACCTAGCCCTAGAAGGCAGGCCCTTGGAGCTCAGCAGAAGGCC
 CATCAGAGAGAAGAAAAAGAAGAGGGCGGAAGTCTTATCAAAGGCTGCCTCCCAAGGCTCAGGGCTGAAG
 ACCTCCCAGACCCCAAGCATGCCAAGGAGGAGTCAAGACAGACTTAGAGGTGGTACTGGAGAAAAAG
 GCAACATGGATGAGACCTGCATAGACCAGGTGAGACGGAAGGCCCTTGAAGAAGAGATTGATCGTGAGTC
 GGGCAAGACAGAGGCTTCAGAACCCAAAAAGTGGACAGTGGGTTTGTCCGGTCAAGACAGAGGCTTCAGAA
 CCCAAAAAGTGGACGGGAACCCAGTTTGGCCAGTGGGATACTGCCGCTTGAAGTGAAGAACAGAAGC
 TAAAATTCTGAAGCTTATGGTGGCTTAAAGCATCTGTCCCGTCACTCAGCCGCCCTCCAGCATGAC
 TATCAGGTCCAACATGGCCCTGGACAAAAAGTCTTCAAGAAATGCTCCAGCAGAGTCTGCAGCAGGACTAT
 GACCGGGCCATGAGCTGGAAGTACAGCCACGGGCTGGCCTGGGCTTAACTCTGAGGCCGAAAGGTCT
 TCTACATTGACCGGAATGCCTCCAAGTCTATCAAGTTGCAAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001168220
 Insert Size: 957 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:	<u>NM_001168220.1</u> , <u>NP_001161692.1</u>
RefSeq Size:	4761 bp
RefSeq ORF:	957 bp
Locus ID:	66356
UniProt ID:	<u>Q9Z2Q2</u>
Cytogenetics:	7 F2