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Product datasheet for MC210344

Knop1 (NM_001168219) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Knop1 (NM_001168219) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Knop1
Synonyms:	2310008H09Rik; Tsg118
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC210344 representing NM_001168219
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGACGCGGTTTCTACAGCAACCCAGGGCACCGGGAGGCCGCGACCCGGAAGGAGAAGGATTTCGAGGG
GGCGGGCCAGAAAGTCGAAGCTGACTTCCGGATCGCGGCTGCGCGGCTGCTCACGCGGGGACGCTTGGCC
TGCTAGCGAACCAGTAATGGTCAGCAAGACCCAGAAAGCAGACCTGGGCCCACAACTCCCAGAGAAGAAG
AAAAAGAAGAAGAAGAAAAAGAGAGTGGTTGCAAATGTCTCAGAACCAGAGACTCAATACTCAGTCTTAA
ACAGTAATGATTATTTTATAGACGCTTCTCCTCCGAGGGCCACGTCCCCTTCTAACAATGTGGATGAGGT
GCAGATCCCCGAGATATCACTGAGCAAGAGAAAGAAGAAAAAAAAGTCCTGTAGCACTCACTTGGAGGAG
TGCCTGGGGGCTGAGCCTACACGGGCAAGGCAGAAAAAGTCACCTAGCCCTAGAAGGCAGGCCCTTGAGC
AGTCAGCAGAAGGCCTCATCAGAGAGAAGAAAAAGAAGAGGCGGAAGTCCTTATCAAAGGCTGCCTCCCA
AGGCTCAGGGCTGAAGACCTCCCCAGACCCCAAGCATGCCAAGGAGGTGAGACGGAAGGCCTTGCAAGAA
GAGATTGATCGTGAGTCGGGCAAGACAGAGGCTTCAGAACCCAAAAAGTGGACAGTGGGTTTGTCGGTCA
AGACAGAGGCTTCAGAACCCAAAAAGTGGACGGGAACCCAGTTTGGCCAGTGGGATACTGCCGGCTTTGA
AAATGAAGAACAGAAGCTAAAATTCCTGAAGCTTATGGGTGGCTTTAAGCATCTGTCCCCGTCATTCAGC
CGCCCTCCCAGCATGACTATCAGGTCCAACATGGCCCTGGACAAAAAGTCTTCAGAAATGCTCCAGCAGA
GTCTGCAGCAGGACTATGACCGGGCCATGAGCTGGAAGTACAGCCACGGGGCTGGCCTGGGCTTTAACTC
TGAGGCCCGAAAGGTCTTCTACATTGACCGGAATGCCTCCAAGTCTATCAAGTTGCAAGATTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites: SgfI-MluI

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ACCN:	NM_001168219
Insert Size:	1044 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_001168219.1, NP_001161691.1
RefSeq Size:	4842 bp
RefSeq ORF:	1044 bp
Locus ID:	66356
UniProt ID:	Q9Z2Q2
Cytogenetics:	7 F2

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