

Product datasheet for **MC201262**

Klc3 (NM_146182) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klc3 (NM_146182) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Klc3
Synonyms:	BC017147; Klct
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC017147 sequence for NM_146182
 AGAGCACTGTGCTGGGGTGTCTGGGGACCTGGGTGGGGGGGCTGGACCAGGAGCAGCCATGTCTGTGCAG
 GTGGCAGCCCCTGGAAGCACAGGGCTGGGCCAGAACGCCTGAACCCGAGGAGCTGGTGCGGCAGACAC
 GACAGGTTGTACAGGGACTGGAGGCCCTGCGGGCCGAGCACCATAGTCTGGCTGGGCACCTGGCGGAGGC
 CCTGGCTGGACCAGGCCCTGTGGCTGGTGTGGAGCTGCTGGAAGAGAAGCAACAGGTGGTGAACCACTCG
 CTGGAGGCCATCAGAGCTGGGGCTGGGTGAGGCCAGGTGCTGCTGGCCCTGTCCGCACACGTGAGTGTGT
 TGGAGGCTGAGAAGCAGAGGCTACGGGCACAGGCACGGAGGCTAGCCCAAGAGAACACATGGCTTCGAGA
 GGAGCTGGAGGAGACACAGAGGCGACTGCGGGCCAGCGAGGAGGCTGTGGCCAGCTGGAAGAGGAGAAG
 AGCCACCTCCAGTTCTGGGGCAGCTGAGGCAGTATGACCCGCCGAGGAGAGCCAGAGGCCCGAGTCCC
 CCCCTCGCCGAGACAGCTTGGCATCTCTGTTCCCCAGTGAAGAGGAGGAAAAAGAGTCTGAGGCAGC
 AGGAGCAGCAGCCGCGCAGCAGGGTGGCTATGAGATCCCAGCTCGTCTGCGGACCCTGCACAACCTGGTG
 ATCCAGTATGCTGGCCAGGGCCGCTATGAGGTGGCAGTTCCTCTATGTCGCCAGGCTCTGGAGGACCTGG
 AGCGGAGCTCGGGCCACTGCCATCCTGACGTGGCCACCATGCTCAACATCCTGGCACTCGTGTACAGGGA
 CCAGAACAATAACAAGGAAGCTACGGAGCTTCTTACGACGCCCTGCAGATCCGGGAACAGACGCTGGGT
 CCTGAACACCCTGCAGTGGCTGCCACCCTCAACAACCTGGCTGTCTCTATGGAAAACGTGGACGTTACC
 GGGAGGAGAACCCTCTGCCAGCGTGCTCTGGAGATCCGTGAGAAGGTCTGGGTGCAGACCACCTGA
 TGTGGCCAAGCAGCTCAACAACCTGGCCCTACTGTGCCAGAACCAGGGCAAGTTTCAGGAGCTGGAGCGG
 CACTATGCGCGGGCCCTGAGCATCTACGAGGCCCTGGGCGGGCCACAGGACCCAAATGTGGCCAAGACTA
 AGAACAACCTGGCCTCAGCCTACCTGAAACAGAACAGTATCAGCAGGCAGAGGAGCTATACAAGGAGAT
 CCTCAGCCAGGAGGCCCTGCCCGCCCCACTTGGAGCCCCCAGGGAGGCACAGCAGGCGATACACAGCAG
 CAGGTCTGCGCAGGAGCAGTTCCTTCTAAGCTCCGGGAATCCATCAGGCGAGGAAGCGAGAAGCTGG
 TCTCCCGCCTCCGAGGAGAGGGCATGGCAGGGGCTGCCGGATGAAGAGAGCCATGTCACTCAATATGCT
 GAACGTGGATGGTCCCAGGGCTGCCGGACGCAGCTCTCCAGCTCTCAACCCGGCACCTGAGTGAGGCC
 CCTCGGACCCTGAGCATCAGCACACAAGATCTGAGCCCGCGCTAAGTGGACTGGCTGCAGAGGCCACAGC
 TTCTCAAGGATCAGGAAGGTGGGTGGTCAACCCTGCACCCTGCCTGGGCAGCTCTGTAGATCGCTCCCT
 GCAATTAAGGCGGTGCACTGGTACTGGGTGTTTGCCGAGGGCCCTGGGACCTTCAGCACCTCCCAGGA
 GCCACAGGCGGTACCCACAGCCCGCTGTTTCAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AA

Restriction Sites: RsrII-NotI

ACCN: NM_146182

Insert Size: 1527 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC017147 , AAH17147
RefSeq Size:	1882 bp
RefSeq ORF:	1527 bp
Locus ID:	232943
UniProt ID:	Q91W40
Cytogenetics:	7 9.62 cM
Gene Summary:	Kinesin is a microtubule-associated force-producing protein that may play a role in organelle transport.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. All three variants encode the same protein.