

Product datasheet for MC200399

Klc4 (BC005746) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Klc4 (BC005746) Mouse Untagged Clone
Tag: Tag Free
Symbol: Klc4
Synonyms: 1200014P03Rik; AA408085; AW146303; Kns18
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC005746
 CGGCAGACTGCAGTTTCAGGTCAGAGTTTCTCCGGGCTCTGGCCTGGGAGCCGCCTGAAGCCAAGAGCT
 TCTGCTCTGTAAGCAGCCTAGGATGTCAGGCTTGGTGTGGGGCAGCGGATGAGCCTGCAGGGCACCGG
 CTCAGTCAAGAGGAGATCTTGGGCAGCACCAAGGTGGTGAGCCAAGGGCTGGAGGCCCTACACAGTGAAC
 ATCAGGCAGTGCTGCAGAGCCTGTCCACACCATTGAGTGTCTGCAACAGGGAGGCCATGAGGAAGGACT
 GGTCCATGAGAAGGCCCGGCAGCTGCGGCGTCTATGGAGAACATCGAGCTGGGGCTGAGCGAGGCCAG
 GTGATGCTGGCGCTGGCTAGCCACCTGAGCACAGTGGAGTCTGAGAAGCAGAAGCTGCGAGCCCAAGTGC
 GCGGCTATGCCAGGAGAATCAGTGGCTCCGGATGAGCTGGCGGGCACTCAGCAGCGCTGCAGCGCAG
 CGAGCAGGCTGTGGCTCAGCTAGAGGAAGAGAAGAAGCACCTGGAGTTCTGCGGCAGCTGCGGCAGTAT
 GATGAGGACGGCCACGGCATGGAGGAGAAGGAGGGAGAGGCCACCAAAGATTCTCTGGATGACCTGTTCC
 CCAATGAGGAGGAGGAGGACTCCGGCAACGACTTGTCCCGTGGTCAGGGTCTGCAGCGCCAGCAGGG
 TGGATATGAGATCCCAGCAAGGTTGCGGACCCTGCACAACCTGGTCATCCAGTATGCAGCTCAGGGTCGC
 TATGAGGTGGCGGTGCCACTCTGCAAGCAAGCGCTAGAGGACCTGGAGCGCACATCTGGCCGAGGTCAAC
 CTGATGTGGCTACCATGCTCAACATCCTGGCTCTGGTGTACCGGGACCAGAATAAGTACAAGGAGGCTGC
 TCATCTGCTGAACGATGCTCTCAGCATCCGGGAGAGCACCTGGGCCGGGACCACCCAGCCGTGGCTGCC
 ACACTCAACAATCTGGCTCTTCTGTGAGTTTGGGGCTGGCCAACCTGGGCTGCCTTGCCTGGTCTCTTTT
 ACCCTCTGCTGCCTCACTACAGGTCCACATATTTCACTGTTTCTTAATAAATGAACCAGGTAACATTTA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: BC005746
Insert Size: 1029 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>BC005746</u> , <u>AAH05746</u>
RefSeq Size:	1138 bp
RefSeq ORF:	1029 bp
Locus ID:	74764
Cytogenetics:	17 C
Gene Summary:	Kinesin is a microtubule-associated force-producing protein that may play a role in organelle transport. The light chain may function in coupling of cargo to the heavy chain or in the modulation of its ATPase activity (By similarity).[UniProtKB/Swiss-Prot Function]