

Product datasheet for **RN208035**

Klc3 (NM_138520) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klc3 (NM_138520) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Klc3
Synonyms:	Klct
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN208035 representing NM_138520
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGTGCAGGTGGCAGCCCCTGGAAGCACAGGGCTGGGCCAGAACCGCTGAACCCGGAGGAGCTGG
 TCGGCAGACGCGACAGGTTGTACAGGGACTGGAGGCCCTGCGGGCCGAGCACCATAGTCTGGCTGGGCA
 CTTGGCGGAGGCCCTGGCTGGACCAGGCCCTGTAGCGGGTGTAGAACTGCTGGAAGAGAAGCAACAGGTG
 GTGAACCACTCCCTGGAGGCCATTGAGCTGGGACTGGGTGAGGCCAGGTGCTGCTGGCCCTGTCTGCAC
 ACGTGGGTGTGTTGGAGGCTGAGAAGCAGAGGCTACGGGCACAGGCACGGAGGCTAGCCCAAGAGAACAC
 ATGGCTTCGAGAGGAGCTGGAGGAGACACAGGGCGACTGCGGGCCAGTGAGGAGGCTGTGGCCAGCTG
 GAAGAGGAGAAAAGCCACCTTCAGTTCCTGGGCAGCTGAGGCAGTATGACCCGCCGAGGAGAGCCAGA
 GGCCGGATTCCCGCCTCGCCGAGACAGCTGGCTTCTCTTCCCCAGTGAAGAGGAGGAAAAGAAAGG
 TCCTGAGGCAGCAGGAGCAGCAGCGCAGCAGGGTGGCTATGAGATCCAGATCGTCTACGGACTCTG
 CACAACGTGGTATCCAGTATGCTAGCCAGTCCGCTATGAGGTGGCAATTCGCTGTGTCGCCAGGCAT
 TGGAGGACCTGGTGCGGAGCTCAGGCCACTTCCACCCTGACGTACCCACCATGGTCGACTTCTTGGCACT
 TGTGTACAGGGACCAGAACAAAGTACAAGGAGGCCACGGAGTTTCTTACGACGCCCTGCAGATCCGGGAA
 CAGACGCTGGGTCTGAACACCTGCAGTGGCCGCCACCTCAACAACCTGGCAGTCTTTACGGAAAAC
 GTGGCCGTTACCGGGAGGCAGAACCCCTCTGCCAGCGTCTCTGGAGATCCGTGAGAAGGTCTGGGTGC
 TGACCACCTGATGTGGCCAAGCAGCTCAACAACCTGGCCCTGCTGTGCCAGAACAGGGCAAGTTTCAG
 GATGTGGAGCGGCACTATGCAAGGGCCCTGAGTATCTACGAGGCCCTGGGGGACCACAAGACCCAAATG
 TGGTAAGATCAAGAACAACCTGGCCTCGGCCTACCTGAAGCAGAACAAGTATCAGCAGGCAGAGGAGCT
 ATACAAGGAGATCCTCAGCCAGGAGGCCCTGCCTGCCCGCTTGGAGCCCCCAGGGAGGCACAGCAGGT
 GAAGCACAAACAGCAGGTCTACGCAGGAGCAGTTCCTTCTCTAAGCTCAGAGAGTCCATCCGGCGTGGAA
 GTGAGAAGCTGGTCTCCCGCCTCCGAGGGGAGAGCATGGCAGGGGCTGCAGGGATGAAGAGAGCCATGTC
 ACTCAATATGCTGAACGTCGATGGTCCAAGGGCTGCCAGGATGCAGCTCTCAACCCAGCACCTGAATGAG
 GCCTCTCGGACCCTCAGCGCCAGCACGCAGGATTTGAGCCCGCGC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_138520

Insert Size: 1518 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_138520.1](#), [NP_612529.1](#)

RefSeq Size: 1697 bp

RefSeq ORF: 1518 bp

Locus ID: 171549

UniProt ID: [Q68G30](#)

Cytogenetics: 1q21

Gene Summary: light chain of kinesin; may be involved in cargo binding and regulation of kinesin activity [RGD, Feb 2006]