

Product datasheet for **MC219768**

Klhl6 (NM_183390) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klhl6 (NM_183390) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Klhl6
Synonyms:	MGC118659
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219768 representing NM_183390
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGGACAAAGAGGGCCTGCACCATGAGCGATGTGGTAGAGAGGAGCTTGAAGGACCCCTTAGCAC
 TGA CTACAGACAAGTCTCCAGAAAAGGGGAGACTTGGTGAAAATTA AACTGGGAGAAAGGTA AAATT
 TGACGACACGAGACTTTCTTTAATTCTTCAGAACGGCCTGGAGACGCTGAGAGAGAAAATGCTTTGACA
 GACGTCATCTTGTGTGGATGTT CAGGAATTCTCTTGCCATCGAGTGGTCTTGTGCAGCCAGCAACT
 ATTT CAGGGCCATGTTCTGCAACGACTTAAAAGAAAAGTATGAGAAGAGGATCATTATTAAGGGGTGGA
 TGCTGAGACCATGCACACTCTCTGGTCTACACATACACAAGCAAGGCTCTGATCACCAAGCAGAATGTT
 CAGCGGGTTCTGGAGGCTGCCAACCTTTCCAGTTTTTACAGCTGGTGGATGCCTGTGCCAGCTTTCTCA
 CAGAAGCATTGAACCCGAAAATTTGATTGGAATACTGAGGCTGGCAGACACACATTCTTTGGACAGTTT
 AAAGATGCAAGTCAAAGTTACATCATTCAAACCTTTGTT CAGATTCTGAATTCGAGGAGTTCTTTGAA
 CTTCTGTGGACACTTTGTACCACATCTTGAGGAGTGACGACCTGTGTGACTGAAGAGGCTCAGGTGT
 TTGAGACTGTGATGAGCTGGGTCCGGCACAACAATCAGAACGACTCTGCCTGCTCCCTGTGTCCTCGA
 GAATGTGCGTTTACC ACTTCTGGATCCGTGGTACTTCTGTGGAGATGGTTGAAGCAGACCCTCTTATTAGA
 CAGTGCCCTGAAGTCTTCCCGCTGCTTCAGGAAGCCAGGATGTACCACCTTTCTGGCAATGAGATCATT
 CGGAGCGCACCAAGCCAGGATGCATGAGTTCAGTCTGAGGTGTT CATGATTATTGGCGGCTGTACAAA
 GGATGAACGATTTGTGGCAGAGGTAACCTGCCTGGACCCCTGAGGCGCAGTCGCTGGAGGTGGCCAAG
 CTCCCCTGACAGAGCATGAAC TGAGAGT GAGAATAAGAAGTGGGTGGAGTTTGCATGTGTGACATTA
 AAAATGAGGTCTACATATCAGGTGGCAAAGAAACACAGCATGATGTTTGGAAGTACAATTCCTCCATCAA
 CAAATGGATTCAGATCGAATATTTAAACATAGGTCGCTGGAGGCATAAGATGGTCTATTGGGTGGCAAA
 GTCTATGTACTTGGGGTTTTGATGGCTTACAAA GAATCAACAATGTGGAGACATATGACCCCTCCACA
 ACTGCTGGTCAGAGGCTGCACCCCTCCATGTCCATGTCAGTCTTTTGCAGCTACCAGCCACAAGAAGAA
 GTTGATGTGATTGGAGGAGGCCAATGGAAAGCTTGGCACAGACAAGACTCAGTGTTATGATCCTTCC
 ACCAATAAATGGGTTTTGAAGTCAGCCATGCCAGTAGAGGCTAAATGCATCAATGCAGTGAGTTCCAGG
 ATCACATCTATGTTGTTGGTGGTCCATGAGAGCACTCTACGCTTATAGCCCTCTGGAAGACAGCTGGT
 TCTGGTGACACAGCTCAGCCATGAGCGAGCCAGCTGTGGCATCGACCCCTGCAACAACAAGCTGTATATC
 ACGGGTGGGAGGACGAGAAGAATGAGGTCAATGCCACTGTGCTCTGCTGGGACCCTGAGGCTCAGAAGC
 TGA CTGAGGAATGTGTGCTGCCACGAGGAGTATCACATCATGGCAGTGTTACCATCAGGAAGTCATATAC
 TCACATCCGGAGGTTGTCCCTGGAGCAGTGCTGTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_183390

Insert Size: 1860 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_183390.3](#), [NP_899246.2](#)

RefSeq Size: 2405 bp

RefSeq ORF: 1860 bp

Locus ID: 239743

UniProt ID: [Q6V595](#)

Cytogenetics: 16 A3

Gene Summary: Involved in B-lymphocyte antigen receptor signaling and germinal center formation.
[UniProtKB/Swiss-Prot Function]