

Product datasheet for **MC219465**

KIHL4 (NM_172781) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	KIHL4
Synonyms:	B130014A11; C130018J01Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC219465 representing NM_172781
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTCAGTGTCCGGCAAGAAAGAGTTTGATGTGAAACAGATCCTGAGGCTGCGCTGGAGATGGTTTAGTC
 ATCCTTCTCAAGGATCGCCGAACACTGGAAGCTGCCTTCAGCAGGAAGGATATGAGCATAGAGGGACCCC
 GGTGCAGGGCAGGTTGAAGAACCCTCACGGGACAGAAACGGACTGAAGAAAAGCAATAGTCCTGTCCAC
 CACGATATACTGACGCCAGTACCAGGACCAGCCCTACCCATCAAGAGTCTTCAGAATTGGCACCAAC
 AAAACGTGATAGTACATCTTCAAGCAATGAAGACACTCCTAAAGCCGTTCCAGAAGGAAATTTGCTCAA
 AGAGGCTTGTGAGAAGCGCTCACGAGATTTGGAGATGATGGGTGATGACAATATAGAAGATATGAGAGCA
 GGACCATGTGTTGAGGAACCTGAACAAATGACCACCAGTTCTAATGATCACTACCGTTCTCGAAGCCATG
 CAGATTACACTCTCTGTAATGGAAGCTATTTGAAAGAGAGAAAAGTGTGTGATGTGCTACTTATTGC
 TGGACCTCTTAAATCCAGCTCACCGATTGGTTCTCAGTGCTGTGCTGATTATTTGCTGCAATGTTT
 ACTAATGATGTGCTTGAAGCCAGACAAGAAGAGGTCAAAATAGAAGGAGTAGATCCAAATGCACTTAATT
 CTTTAGTGAGTATGCTTATACAGGTGTGCTGCAACTGAGAGAAGACACCATTTGAAATTTGCTGTGACG
 AGCCTGTCTCTACAGCTGACTCAGGTCAATGATGTTGCTGCAATTTCTCATAAAGCACTTACCCT
 TCAAACTGCCTAGGATTCGCTCATTGGAGATGCACAGGGCTGTATGGAGCTTCAGAATGTGGCACATA
 AGTATGCCATGGAACACTTCATTGATGTAATAAAGAACCAAGAATTCCTGCTGCTCCAGCTAATGAAAT
 ATCAAAACTTCTGTGTAGTGATGACATTAATGTGCTGATGAAGAAACAATTTCCATGCTCTTATGCAG
 TGGGTAGGTCATGATGCTCAGGCTAGGCAACGAGATCTGGCAAAGCTGCTTTCTACATTAGACTGCCAT
 TACTCTACCACAGTTGCTTGAGATCTGGAAGACAGTTCACTTTCAGTGGTAATCTGGAATGTCAGAA
 GCTACTAATGGAAGCTATGAAGTATCATCTCTTGCCTGAGAGAAGGTCCATGTTGCAAAGCCCTCGTACA
 AAGCCTAGAAAATCAACTGTGGGGGCACTTTATGCTGTGGGAGGTATGGATGCTGCTAAAGGCCACCTA
 CAATTGAGAAGTATGACCTCCGAACCAACAGTTGGATCCACATTGGCACTATGAGTGGTCGTAGACTTCA
 ATTTGGAGTGGCAGTTGTTGATAATAAACTTTACGTTGTGGGAGGAAGAGATGGCTTAAAACTTTGAAT
 ACTGTGGAATGTTTCAATCCGGTTACTAAACCTGGGTTGTAATGCCTCTATGTCCACACATAGGCACG
 GGCTAGGCGTAGCCACACTTGAAGGACCAATGTATGCGGTTGGAGGTACGATGGATGGAGCTATCTAAA
 CACTGTAGAAAGATGGGACCTGATGGCCGTAGTGAATTATGTGGCCAGCATGTCAACTCCAAGAAGC
 ACAGTTGGAGTTGTGCATTAACAATAGGCTGTATGCTATTGGTGGACGTGATGGAAGTTCTGTCTTA
 AGTCCATGGAATCTTTGACCCGCATACTAACAAGTGGAGTCTGTGTGCCCGATGTCCAAAAGACGTGG
 AGGTGTAGGAGTAGCAACACAAATGGATACTTGTATGTTGTAGGGGGTCATGATGCCCTGCTCCTAAT
 CATTGCTCCAGGCTTTCTGACTGCGTGGAAGATACGACCCAAAAGGCGATTCAATGGTCACTGTGGCAC
 CTTTGAGTGTCTCGAGATGCTGTGAGTGTCCTTGGAGACAACTCTACGTGGTTGGCGGATA
 TGATGGTCATACTTACTTGAATACCGTTGAGTCGTATGATGCTCAGAAAGACGAATGGAAGAGGAAGTC
 CCTGTGAACATTGGAAGAGCTGGAGCATGTGTTGTTGTGTAAGTCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_172781

Insert Size:

2154 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:	<u>NM_172781.2, NP_766369.2</u>
RefSeq Size:	3884 bp
RefSeq ORF:	2154 bp
Locus ID:	237010
Cytogenetics:	X E1