

Product datasheet for **MC221271**

KIhl1 (NM_053105) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIhl1 (NM_053105) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	KIhl1
Synonyms:	mKIAA1490
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221271 representing NM_053105
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCGGCTCCGGGAGAAAAGACTTCGATGTGAAGCACATCCTGCGACTCCGCTGGAAACTCTTCAGCC
 ATCCCTCGCCGGCTCCAGTAGCCAGCCAGCGGGGGCAGCTGCCTGCAACAGGACAGCGGAGGAGGCAGCTT
 TGAGACTGGGGTCTAGCCAGAGTCCGGCTGCTCAAAAACCAGGAAAAGGCAAGTGTGAGCGCTTTCTGG
 AAAAAGCCTTCTTCTCCTCTTCTCCTCTCTTCTCCTCTCGTCTTCTGTTTCTTCTCTTTCAATC
 CGCTGAATGGCACCTTACTACCAGTTGCCACGAGGCTGCAGCAAGGGGCTCCCGGCAGGGCACCCAGCA
 GCCCGCCAGGACTCTTTTCTACGTGGAGTCCCTAGAGGAGGAGGTAGTGACAGGCATGGACTTTTCTGGA
 CCAGAGGACAAAGGATTGGCCCTGAAAGAGCTCCAAGCGGAGCCTGCCAGCTCTATCCAGGCAACAGGTG
 AAGGATGTGGACACAGGTTGACATCGACCAATCATTCACTGACACCTCAAAGTATTGGATTCCAGCAG
 CTCGAAGAATTCTATCAAGCTGTTCCACATGCTGAGCAATCATTTAGAAAGATGGAGAATTATTTAAAG
 CAACAGCAGCTCTGTGATGTCATCCTGATAGTTGGAAATCGAAAGATACTGCTCATAGGCTTGTCTGA
 GTTCTGTCTGACTATTTTGTGCCATGTTTACAAGTATGCTGTGGAAGCAAGCAAGAGGAGATCAA
 GATGGAAGGCATAGACCCAAATGCACTCTGGGATCTTGTTCATTTGCATATACAGGTTGCTTGGAAATTA
 AAAGAAGACACTATTGAAAACCTTCTTGACGCTGCTTGCCTTCTCCAGCTCCCTCAAGTGGTCAAGTGT
 GTTGTCACTTCTCATGAAACTTCTGCATCCATCCAAGTGTAGGAATAAGGGCATTGCTGATGCTCA
 AGGATGCATTGAATTAATGAAGTGGCACACAGCTACCCATGGAAAACATAATGGAAGTAAATCAGAAAT
 CAAGAGTTTTACTCCTCCAGCTGAAGAGCTCCATAAACTACTGGCCAGTATGATGTAATGTTCTCCTG
 ATGAAGAGACCATTTTCCATGCACTGATGATGTGGTCAAGTATGACATGCAGCGGAGATGATGAC
 GGTATGCTCCTTGCCTTCATAAGATTACCACTGCTTCCACCACAGATACTGGCTGACCTTGAAAACCAT
 GCACTATTCAAGAATGATTTGGAATGTCAAAAAGTATTCTGGAAGCAATGAAATATCATCTATTGCCCG
 AAAGAAGAACTTTAATGCAAAGTCCAAGAACTAAGCCAGAAAATCTACAGTTGGAAGTCTTTATGCAGT
 GGGGGGAATGGATAATAACAAAGGGGCTACAACCATAGAGAAATGACCTCCGAACAAATCTGTGGATT
 CAGGCTGGAATGATGAATGGCAGAAGGCTTCAAGTTCGGTGTGGCTGTCTTATGACAAGCTCTTTGTAA
 TTGGAGGTCGAGATGGCTTAAAGACTTTGAACACTGTTGAATGTTACAATCCCAAACCAAGACATGGAC
 TGTTTTGCCCAATGTCAACACATAGGCATGGTCTAGGAGTAACTGACTGGAAGGCTTATCTATGCA
 GTGGGAGGCCATGACGGCTGGAGCTATCTGAACACAGTGGAAAGTGGGATCCCCAGAGCCAGCAGTGG
 CATATGTAGCCAGTATGTCCATTGCTCGGAGCAGGTTGGAGTAGCAGCACTGAATGGAAAGTGTACTC
 CGTTGGGGTTCGAGATGGAAGTTCCTGTCTGAGTTCAATGGAATACTATGATCCTCATACAAATAAGTGG
 AGCATGTGCGCACCGATGTGAAGAGGAGAGGGGTTGGAGTGGCCACCTGTGATGGTTTCTGTATG
 CAGTGGGTGGCCATGATGCTCCTGCTTCAAACCACTGTTCCAGGCTCCTGGACTACGTGGAAGGATGA
 TCCAAAACAGATACATGGACATGGTGGCTCCTTTGAGTATGCCTAGAGATGCTGTTGGTGTCTGTCTC
 CTTGGTGACAGGCTATATGCTGTTGGGGCTATGATGGGCAGACTTACCTCAACACCATGGAGTCCATG
 ATCCAAAACAAATGAGTGGACACAGATGGCTTCAATGAATATTGGGAGAGCAGGTGCCTGTGTGGTTGT
 CATCAAGCAACCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_053105
Insert Size: 2256 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:	<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:	NM_053105.2 , NP_444335.2
RefSeq Size:	4087 bp
RefSeq ORF:	2256 bp
Locus ID:	93688
UniProt ID:	Q9JI74
Cytogenetics:	14 E2.1
Gene Summary:	May play a role in organizing the actin cytoskeleton of the brain cells.[UniProtKB/Swiss-Prot Function]