

Product datasheet for **RN207333**

KIhl4 (NM_001108244) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIhl4 (NM_001108244) Rat Untagged Clone
Tag:	Tag Free
Symbol:	KIhl4
Synonyms:	RGD1565441
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN207333 representing NM_001108244

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCAGTGTCCGGCAAGAAAGAGTTTGATGTGAAACAGATCCTGAGGCTGCGCTGGAGATGGTTTAGTC
ATCCTTCTCAAGGATCCCCTAACAAGCTGGAAGCTGCCTTCAGCAGGAAGGATATGAGCATAGAGGGACCCC
GGTGCAGGGCAGGTTGAAGAACCCTCACGGGACAGAAACGGAAGTGAAGAAAAGCAATAGTCCTGTCCAC
CACGATATACTGACGCCAGTGCCAGGACAGCCCTACCCATCAAAGAGTCCTTCAGAATTGGCACCAAC
AAAACGTGATAGTACATCTTCAAGCAAATGAAGACACTCCTAAAGCCGTTCCAGAAGGAAATTTGCTCAA
AGAAGCTTGTGAGAAGCGGCACGAGATTTGGAGATGATGGGTGATGACAATATAGAAGATTCTAGAGCA
CGACAATATGCTGAGGAGCCTGAACAAATGAATGTCATTTCTGAGGATCACTACCGTTCTCGAAACCATG
CGGATTATACGCTCTGTAAAATGGAAAGCTATTTAAAAGAGAAAAAACTGTGTGATGTGCTACTTATTGC
TGGACCGCTTAAAATCCAGCTCACAGATTGGTTCTCAGTGTGTCTGATTATTTTGTGCAATGTTT
ACTAATGATGTGCTAGAACCCAGACAAGAAGAGGTCAAATGGAAGGAGTGGATCCAAATGCACTTAATT
CTTTAGTGCAGTATGCTTATACAGGTGTGCTGCAACTGAGAGAAGACACCATTGAAAATTTGCTGTCTGC
AGCTTGTCTCTTACAGCTGACTCAGGTCATTGATGTGTGCTGTAATTTCTCATAAAGCAGCTTCATCCT
TCAAATTCCTAGGAATTCGCTCATTCCGAGATGCCAGGGCTGTATGGAGCTTCAGAATGTGGCACATA
AGTACACCATGGAACATTTTATTGATGTCGTAAGAACCAAGAATTCCTGCTGCTCCAGCTAATGAAAT
ATCAAACTTCTGTGTAGTGTGACATTAATGTGCTGATGAAGAAACAATTTCCATGCTCTTATGCAG
TGGGTAGGACATGATGCTCAAGCTAGGCAACAAGATCTGGCGAAGCTGCTTTCTTATACAGACTGCCAT
TACTGTGCGCTCAGTTGCTTGCAGATCTAGAAAACAGTTCAATGTTTAGTGGTGATCTGGAATGTCAGAA
GCTACTAATGGAAGCTATGAAGTATCATCTCTTGCCTGAGAGAAGATCCATGTTGCAAGCCCTCGTACA
AAGCCTAGAAAATCAACTGTGGGGCACTTTATGCTGTAGGAGGTATGGATGCTGCTAAAGGTACCACTA
CAATTGAGAAGTATGACCTCAGAACCAACAGTTGGATCCATATTGGCACTATGAGTGGTCGTAGACTTCA
GTTTGGAGTTGCAGTTGTTGATAATAAACTTTATGTTGTGGGAGGAAGAGATGGCTTAAAACTTTGAAT
ACTGTGGAATGTTTCAATCCAGTTACTAAACCTGGGTTGTGATGCCTCCTATGTCAACACATAGACATG
GGCTAGGCGTGGCCACACTTGAAGGACCAATGTATGCTGTTGGAGGGCACGATGGCTGGAGCTATCTAAA
TACTGTAGAAAGATGGGATCCTGATGGACGTCAGTGAATTTATGTGGCCAGCATGTCAACCCCAAGAAGC
ACAGTTGGAGTTGTTGATTGAACAATAAATTGTATGCTATTGGTGGGCGTGATGGAAGTTCCTGCCTCA
AGTCGATGGAGTACTTTGACCCACATACTAACAATGGAGTCTGTGTGCTCCAATGTCCAAAAGACGTGG
GGGTGTAGGAGTAGCAACACATAATGGATATTTGTATGTTGTAGGGGGTCATGATGCCCCCTGCTCCTAAT
CATTGTCCAGACTTTCTGACTGTGTGGAAAGATATGATCCAAAAGTGATTATGGTCAACCGTGGCAC
CTTTGAGTGTTCTCGAGATGCTGTTGCAGTATGCCCCCTGGAGACAACTCTATGTGTTGGCGGATA
TGACGGTCATACCTATTTGAACACCGTTGAATCATACGATGCTCAGAAAGATGAATGGAAGAGGAAGTT
CCTGTGAACATTGGAAGAGCTGGAGCATGTGTTGTTGTTGTAAGCTACAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001108244

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.
RefSeq:	<u>NM_001108244.1, NP_001101714.1</u>
RefSeq Size:	3488 bp
RefSeq ORF:	2154 bp
Locus ID:	317196
Cytogenetics:	Xq31