

Product datasheet for **MC228744**

Klh14 (NM_001290477) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klh14 (NM_001290477) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Klh14
Synonyms:	B130014A11; C130018J01Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228744 representing NM_001290477
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCAGTGTCCGGCAAGAAAGAGTTTGTATGTGAAACAGATCCTGAGGCTGCGCTGGAGATGGTTTAGTC
 ATCCTTCTCAAGGATCGCCGAACACTGGAAGCTGCCTTCAGCAGGAAGGATATGAGCATAGAGGGACCCC
 GGTGCAGGGCAGGTTGAAGAACCCTCACGGGACAGAAACGGACTGAAGAAAAGCAATAGTCCTGTCCAC
 CACGATATACTGACGCCAGTACCAGGACCAGCCCTACCCATCAAAGAGTCCTTCAGAATTGGCACCAAC
 AAAACGTGATAGTACATCTTCAAGCAAATGAAGACACTCCTAAAGCCGTTCCAGAAGGAAATTTGCTCAA
 AGAGGCTTGTGAGAAGCGCTCACGAGATTTGGAGATGATGGGTGATGACAATATAGAAGATAGAGAGCA
 GGACCATGTGTTGAGAACCTGAACAAATGACCACCAGTCTAATGATCACTACCGTTCTCGAAGCCATG
 CAGATTACACTCTGTAAAATGGAAAGCTATTTGAAAGAGAGAAAAGTGTGTGATGTGCTACTTATTGC
 TGGACCTCTTAAAATCCCAGCTACCGATTGGTTCTCAGTGTGTCTGATTATTTTGTGCAATGTTT
 ACTAATGATGTGCTTGAAGCCAGACAAGAAGAGGTCAAATAGAAAGGAGTAGATCCAAATGCACTTAATT
 CTTTAGTGCAGTATGCTTATACAGGTGTCTGCAACTGAGAGAAGACACCATTGAAAATTTGCTGTCCAGC
 AGCCTGTCTCTTACAGCTGACTCAGGTCATTGATGTTTGTGCAATTTCCCTATAAAGCAACTTCACCCCT
 TCAAATGCCTAGGGATTCGCTCATTGGAGATGCACAGGGCTGTATGGAGCTTCAGAATGTGGCACATA
 AGTATGCCATGGAACACTTCATTGATGTAATAAAGAACCAAGAATTCCTGCTGCTCCAGCTAATGAAAT
 ATCAAACCTTCTGTGTAGTATGACATTAATGTGCCTGATGAAGAAACAATTTCCATGCTCTTATGCAG
 TGGGTAGGTCATGATGCTCAGGCTAGGCAACGAGATCTGGCAAAGCTGCTTCTTACATAGACTGCCAT
 TACTCTACCACAGTTGCTTGCAGATCTGGAAACAGTTCATTCTCAGTGGTAATCTGGAATGTCAGAA
 GCTACTAATGGAAGCTATGAAGTATCATCTCTTGCTGAGAGAAGGTCCATGTTGCAAAGCCCTCGTACA
 AAGCCTAGAAAATCAACTGTGGGGCAGCTTTATGCTGTGGGAGGCACCACTACAATTGAGAAGTATGACC
 TCCGAACCAACAGTTGGATCCACATTGGCACTATGAGTGGTCGTAGACTTCAATTTGGAGTGGCAGTTGT
 TGATAATAAACTTTACGTTGTGGGAGGAAGAGATGGCTTAAAACTTTGAATACTGTGGAATGTTTCAAT
 CCGGTTACTAAAACCTGGGTTGTAATGCCTCCTATGTCCACACATAGGCACGGGCTAGGCGTAGCCACAC
 TTGAAGGACCAATGTATGCGGTTGGAGGTCACGATGGATGGAGCTATCTAAACACTGTAGAAAGATGGGA
 CCCTGTAGCCGTCAGTGAATTATGTGGCCAGCATGTCAACTCCAAGAAGCACAGTTGGAGTTGTTGCA
 TTAACAATAGGCTGTATGCTATTGGTGGACGTGATGGAAGTTCTGTCTTAAGTCCATGGAATCTTTG
 ACCCGCATACTAACAAGTGGAGTCTGTGTGCCCGATGTCCAAAAGACGTGGAGGTGTAGGAGTAGCAAC
 ACACAATGGATACTTGTATGTTGTAGGGGGTCATGATGCCCTGTCTCTAATCATTGCTCCAGGCTTTCT
 GACTGCGTGGAAGATACGACCCAAAAGGCGATTGATGGTCAACTGTGGCACCTTTGAGTGTTCCTCGAG
 ATGCTGTTGCAGTGTGCCCTTGGAGACAACTCTACGTGGTTGGCGGATATGATGGTCATACTTACTT
 GAATACCGTTGAGTCGTATGATGCTCAGAAAGACGAATGGAAAGAGGAAGTCCCTGTGAACATTGGAAGA
 GCTGGAGCATGTGTTGTTGTGGAAGCTGCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001290477
Insert Size: 2136 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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001290477.1</u> , <u>NP_001277406.1</u>
RefSeq Size:	3866 bp
RefSeq ORF:	2136 bp
Locus ID:	237010
Cytogenetics:	X E1