

Product datasheet for **SC108872**

HOMEZ (NM_020834) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HOMEZ (NM_020834) Human Untagged Clone
Tag:	Tag Free
Symbol:	HOMEZ
Synonyms:	KIAA1443
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_020834, the custom clone sequence may differ by one or more nucleotides

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ATGGTGCAGAGCTGGGAGCCGCCCGGGCTGGACTGCGCTATCTCTGAAGGGCACAAATCAGAAGGCA
CCATGCCCTCCTAATAAAGAGGCCAGCGGTCTCAGTAGTTCACCAGCGGGGCTCATCTGCCCTCCCAAT
CTCTGAGGAGCTACAGCTTGTGTGGACGCAAGCAGCCCAGACCAGTGGAGTACAGCAATGAACACCTG
CTCAAAACCTTCAGCTACTTTCCCTATCCAGCCTAGCAGACATTGCCCTTCTCTGCCCTACGTTATGGGT
TGACAGATGGAGAAAGTCAAGACTTGGTTTATGGCCCAGCGCCTCCGCTGTGGTATTAGCTGGTCATCTGA
AGAAATAGAAGAGACTCGAGCCGAGTAGTCTACCGTCGGGACCAACTCCATTTCAAATCCCTTCTCTCT
TTTACTCATCATGCGGGACGCCCCAGAGGAGGTGCCTCCTCCTCCAGTGCCAGCTCCAGAGCAAGTTG
GTATTGGAATAGTCTCCAACCTTCTAGCAAGCCTACCCAGACGAAAGGATTGAAGGTAGAGCCTGAGGA
GCCCTCTCAGATGCCACCACTGCCACAGAGTACCAGAAATTAAGGAGTCCCTGATGACACCTGGCAGT
GGAGCATTTCCCTACCAATCAGATTTTTGGCAACATCTTCAAAGCAGTGGCCTCTCAAAGGAGCAGGCAG
GCAGGGGTCCCAACAGTACATGGCATAGGTACTGCTTCTGGAACCACTCCACAACCGTCCCCAGCC
ACAAGCTCGGGATAAACCCCAACCAATTGCATTAAATGCCAGTAGTTGTAAGGAGGAGTCAGCATCTAGT
GTTACTCCCTCTTCTTCCCTTACCTCTTCTTCCAGGTAAGTGCATTAAGGAGTACTGCCGCCTCTA
AACCCCTCCAGCCTAGGCTGTGTCCACAGTCACTGTCACCCAGTGAACAGGCATTACCCACATCT
GGAACCAGCTGGCCCAAGGGCTACGGCATAACTCAGTACCAGGTAGAGTTGGCCCCACAGAGTACCTT
TCCCCAGATATGCAACGCCAGCGAAAGACCAAGCGCAAAACCAAGAGCAGCTGGCTATCCTTAAATCCT
TTTTTTTACAGTGCCAGTGGGACGGCTGAGGATTACAAAAGTTAGAACAGATCACTGGTTTACCTCG
GCCTGAGATCATTCACTGGTGGTGGTGACACAGCTATGCCTTGAAGCATGGGCACTAAAAGTGGTTTCCG
GACAACGCAGTACCTGGTGCCCTAGTTTTCAAGACCCAGCAATCCTACACCACCACCAACCCCGT
CCTTGAACGAAAAGGGCTGAGACACCCTCTGCCGATCCCTCACCCCACCGGATATACAAACCTTGGA
GAGGTAAGTGGGACGCCCCAACAGCTACGGAAGTGGTATCCCTCAATTGAGTCAAGGCATCAAGGCTT
AGCACCAGCAGGTGCTGGATTGGTTTACTCTCGATTACCTCAGCCAGCTGAGGTGGTAGTTTGTCTAG
ATGAAGAAGAGGAAAGAGGAGGAGGAAGAACTGCCAGAAGATGATGAGGAAGAGGAGGAGGAGGAGGA
AGATGATGATGATGATGATGATGATGTGATCATAACAAGACTGA
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5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_020834 unedited
AATTGTATACGACTCACTATAGGGCGGCCGCAATTCGCACGAGGGCTGGGGTGGGCTCG
GAGCGGCCGCACCCGGGACGAAACCCCACTCCCCTCGGAGGCCCTGCCCTCTCCCCCA
CTTCCCCCGGCCATGGTGCGAGGCTGGGAGCCGCCCGGGCTGGACTGCGTATCT
CTGAAGGGCACAAATCAGAAGGCACCATGCCTCCTAATAAAGAGGCCAGCGGTCTCAGTA
GTTCCACGCGGGGCTCATCTGCCTCCTCCAATCTCTGAGGAGTACAGCTTGTGTGA
CGCAAGCAGCCCAGACCAGTGGACTAGACAGCAATGAACACCTGCTCAAAACCTTCAGT
ACTTTCCCTATCCCAGCCTAGCAGACATTGCCCTTCTCTGCCCTACGTTATGGGTGCAGA
TGGAGAAAGTCAAGACTTGGTTTATGGCCCAGCGCCTCCGCTGTGGTATTAGCTGGTCAT
CTGAAGAAATAGAAGAGACTCGAGCCCAGTAGTCTACCGTCGGGACCAACTCCATTTCA
AATCCCTTCTCTTTTTACTCATCATGCGGGACGCCCCAGAGGAGGTGCCTCCTCCTC
CAGTGCCAGCTCCAGAGCAAGTTGGTATTGGAATAGTCTCCAACTCTTAGCAAGCCTA
CCCAGACGAAAGGATTGAAGGTAGAGCCTGAGGAGCCCTCAGATGCCACCACTGCCAC
AGAGTCACCAGAAATTAAGGAGTCCCTGATGACACCTGNAGTGNAGCATTCCCCTAC
CAATCAGATNNTTGGGCATCTTCAAAGCAGTGGCCTCTCAAAGNAGCAGCAGCAGGN
NGTCCCACAGTCACATGGCATANGTACTGCTTCTGGAACCACTCACACCGTCCN
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3' Read Nucleotide Sequence: >OriGene 3' read for NM_020834 unedited
GGTTTTGCTTGACCGCGGCCGCTTTCTANGATCGAGTTTTTTTTTTTTTTTTCTCTGC
CACAAGGTAATTTAAAAATGTGGTTCTTTGTAAACAGTTACTAAGTTGGTTCATCT
TTCAGTAACAGACCTCCCCTCCCCAGCTCCCCACTCAGTCTTGATGATCACATCATCA
TCATCATCATCATCTTCTCCTCCTCCTCCTCCTCCTCCTCCTCATCATCTTCTGGCAGT
TCTTCTCCTCCTCCTCCTTCTTTCATCTAGACAAACTACCACCTCAGCTGGCTGAGGT
AATCGAGAGTCAAACCAATCCAGCACCTGCTGGGTGCTAAGCCTTGATGCCTGACTCAAT
TGAGGGATATCAGTTTTCCCGTAGCTGTTGGTGGGCTGCCAGTACTCTCCAAGGTTGT
ATATCCGGTGGGGTGGAGGGATCGGCAGAGGTGGTGTCTCAGCCCTTCGTTCAAGGAG
CGGGTTGATGGTGGTGGTGTAGGAATTGCTGGGCTTTGGAACTAGGGGCACAGGTA
GCGTTGCTCCCGAAACACTTTAGTTGCCATGCTTCAAGGCATAGCGTGTGCACCAAAC
CACTGAATGATCTCAGGCCGAGGTAAACCAGCGACCTGTTCTAACTTTTGGTAACCTCA
CGCCGTGCCACTGGCACTGTAASAAAAAGGATCTAAGGCATAGCCAGCTGCTTTTTGG
TTTTGCGCTGTGGCTTTTCCCGCCGCGCATAACCCTGGCGAAAGGGACTCCCCGGG
CGCCCACTTTACCTGCAACTGACCCCATGCCCGAACCCTTCGCGGGTCAATCTGGGCA
CCTAAATGCCGGCGCAACCGCTTTTCCCGACTGGCCGCCCCCGCCCGCCCGCCTCA
CCCCTCGCGACCCGAGCACATCCCTCCCTA

Restriction Sites: NotI-NotI

ACCN: NM_020834

Insert Size: 1820 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_020834.1](#), [NP_065885.1](#)

RefSeq Size: 3741 bp

RefSeq ORF: 3741 bp

Locus ID: 57594

UniProt ID: [Q8IX15](#)

Cytogenetics: 14q11.2

Protein Families: Transcription Factors

Gene Summary: May function as a transcriptional regulator.[UniProtKB/Swiss-Prot Function]