

Product datasheet for **SC317939**

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:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC317939 representing NM_020834.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGTGCAGGCTGGGAGCCGCCCGCGGCTGGACTGCGCTATCTCTGAAGGGCACAAATCAGAAGGC
ACCATGCCTCCTAATAAAGAGGCCAGCGGTCTCAGTAGTTACCAGCGGGGCTCATCTGCCTCCCTCCA
ATCTCTGAGGAGCTACAGCTTGTGTGGACGCAAGCAGCCCAGACCACTGAGCTAGACAGCAATGAACAC
CTGCTCAAAACCTTCAGCTACTTTCCCTATCCCAGCTAGCAGACATTGCCTTCTCTGCCTACGTTAT
GGGTGACAGTGGAGAAAGTCAAGACTTGGTTATGGCCAGCGCTCCGCTGTGGTATTAGCTGGTCA
TCTGAAGAAATAGAAGAGACTCGAGCCCGAGTAGTCTACCGTCGGGACCAACTCCATTTCAAATCCCTT
CTCTCTTTTACTCATCATGCGGGACGGCCCCAGAGGAGGTGCCTCCTCCTCCAGTGCCAGCTCCAGAG
CAAGTTGGTATTGGAATAGGTCCTCCAACCTTTAGCAAGCCTACCCAGAGCAAAGGATTGAAGGTAGAG
CCTGAGGAGCCCTCTCAGATGCCACCACTGCCACAGAGTCAACGAAATTAAGGAGTCCCTGATGACA
CCTGGCAGTGGAGCATTCCCTACCAATCAGATTTTTGGCAACATCTTCAAAGCAGTGGCCTCTCAAAG
GAGCAGGCAGGCAGGGTCCCAACCACTCACATGGCATAGGTACTGCTTCTGGAACCACTCCACAACC
GTCCCCCAGCCACAAGCTCGGGATAAACCCCCACCAATTGCATTAATTGCCAGTAGTTGAAGGAGGAG
TCAGCATCTAGTGTTACTCCCTCTTCTTCTCTACCTCTTCTTCTTCCAGGTACTGGCTAATGGAGCT
ACTGCCGCTCTAAACCCCTCCAGCCACTAGGCTGTGTCCCACAGTCAGTGTACCCAGTGAACAGGCA
TTACCCCAACATCTGGAACCAAGCTGGCCCCAAGGCTACGGCATAACTCAGTACCAGGTAGAGTTGGC
CCCACAGAGTACCTTTCCCAGATATGCAACGCCAGCGAAAGACCAAGCGCAAAACCAAAGAGCAGCTG
GCTATCCTTAATCCTTTTTTTTACAGTGCCAGTGGGCACGGCGTGAGGATTACCAAAAGTTAGAACAG
ATCACTGGTTTACCTCGGCCTGAGATCATTAGTGGTTTGGTGACACACGCTATGCCTTGAAGCATGGG
CAACTAAAGTGGTTTCGGGACAACGCAGTACCTGGTGCCCTAGTTTCCAAGACCCAGCAATTCCTACA
CCACCACCATCAACCCGCTCCTTGAACGAAAGGGCTGAGACACCCTCTGCCGATCCCTCCACCCCCA
CCGATATACAACCTTGGAGAGGTACTGGGCAGCCCAACAGCTACGGGAACTGATATCCCTCAA
TTGAGTCAGGCATCAAGGCTTAGCACCCAGCAGGTGCTGGATTGGTTTACTCTCGATTACCTCAGCCA
GCTGAGGTGGTAGTTTGTCTAGATGAAGAAGAGGAAGAGGAGGAGGAAGAACTGCCAGAAGATGATGAG
GAAGAGGAGGAGGAGGAGGAGGAAGATGATGATGATGATGATGATGATGATCATACAAGACTGA
ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: Sgfl-MluI

ACCN: NM 020834

Insert Size: 1653 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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_020834.2</u>
RefSeq Size:	3741 bp
RefSeq ORF:	1653 bp
Locus ID:	57594
UniProt ID:	<u>Q8IX15</u>
Cytogenetics:	14q11.2
Protein Families:	Transcription Factors
MW:	61.2 kDa
Gene Summary:	May function as a transcriptional regulator.[UniProtKB/Swiss-Prot Function]