

Product datasheet for **MC222945**

Zc3h7b (NM_001081016) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zc3h7b (NM_001081016) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zc3h7b
Synonyms:	Gm627; mKIAA1031; Scrg3; Zc2h7b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC222945 representing NM_001081016 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGAGGCAGAAACGGAAGGCGGACATCGAGAAGGGGCTGCAGTTCATCCAGTCAACACTACCCCTGA
AGCAAGAGGAGTATGAGGCTTCTCTGCTCAAGCTTGTGCAGAACCTGTTGCCGAGGGCAACGACCTGTT
CCGGGAGAAGGACTACAAGCAGGCTCTGGTGCAGTACATGGAAGGGCTGAACGTGGCTGACTACGCCGCC
TCTGACCAGTGGCTCTACCCCGGAGCTGCTGTGCAAATGCATGTCAACAGGGCAGCCTGCTACTTCA
CCATGGGCTGTATGAGAAGGCGCTGGAGGACAGTGAAGGCTTGGGCTGGATGGCGAGAGTATCCG
GGCACTGTTCCGCAAGGCGCGCCCTCAACGAGCTGGGGCGCCACAAAGAGGCCTATGAATGCAGCAGC
CGGTGCTCCCTCGCGCTTCCCCACGATGAAAATGTCACCCAGCTGGGCCAGGAGCTGGCTCAGAAGCTTG
GACTGCGGGTACGGAAAGCCTATAAGAGACCCAGGAATTGAAAACGTTTTCTCTGCTTAGTAATGGCGC
TCCAGTGGCTTAACAGATCAGGGAACCTTAACGGATTGGGATCTATAGATGACATCGAAACAGACTGC
TACGTGGATCTCCGAGGCTCCCCAGCCCTGCTCCCTCCACTCCCACGATGCCCTGTCCCTCATGTTCT
TGGACCTCCTGGCCCCACTGGATGGCAGCAGCAGGACACTCCCCGGCACCAGGGGCTAGATGACTTCTC
AGATGGGATGTGTTGGTCCAGAACTGGACACCCTCCTGGACTCTGTCTCTGGTCCAGGTGGCCTG
CCTGGCAGTGGTATGCCTAGTGAGCTGCCTCAGCTGATCCCGTGTTCCTGGTGGACCCCACTTCTG
CACCTGTGGTGGTGGCTCCATCCCGTGTCCAGCCCACTGCCTCCTGCCTCTTGGCCTTGTCATGGA
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ACAAGCCGGACTCCTTCTAGAAGAGACCAGCTCGCAGGACCACCGACCCCAAGCAGTACTCAGAAGCC
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AGGGCCTCGAGCACAAGTGCAGAAGGACGTCTCCTCGGCCCTCCGGAGTTCGAGAACCAGATCTG
GAAGCGCATCCGGCCGCGCCACCAAAACCAGCTTTGTGGGCTCTACTACCTGTGCAAAGACATGATT



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AACAAGCAAGACTGTAAGTACGGGGATAACTGCACCTTCGCTACCATCAGGAGGAGATCGATGTGTGGA
 CAGAGGAGCGGAAGGGCACACTCAACGGGACCTGCTCTTTGACCTCTAGGGGTGTCAAGCGTGGCAG
 CCTCACCATTGCCAAGCTCTGAAGGAGCACCAGGGCATCTTCACCTTCCTCTGTGAGATCTGCTTCGAC
 AGCAAGCCCCGGATCATCAGCAAAGGGACCAAGGACTCTCCATCTGTCTGCTCCAACCTGGCTGCCAAGC
 ACAGCTTTTACAACAACAAGTGCCTGGTGCACATCGTCCGCTCCACCTCTCTCAAGTACTCCAAGATCCG
 TCAGTTCCAGGAGCACTCCAGTTTGACGTGTCCGCCACGAGGTGCGCTATGGTTGCCTGCGCGAGGAC
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 CGGCTTGGGTGCCCAAGGACACACGGACCCAGCACTTTTGACCTGCAGATGAAGTTTGTGTGCGGTGAG
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 GCTGGACCAAGGAGAGGCGGGTCTTCTGGTGTGTTCAAGGCCAAGAGGAAATGGGTGTCCGTGAGGCC
 GCTGCCATCCATTGAACTTCCCACAGCAATATGACCTATGTATTCATGCCAGAACGGCCGCAATGC
 CAGTATGTGGGAACTGCTCCTTCGCACACAGCCCTGAGGAGAGGGACATGTGGACCTTCATGAAGGAGA
 ACAAGATCCTGGATATGCAACAGACCTATGACATGTGGCTGAAGAAACACAACCCAGGGAAGCCGGGAGA
 AGGGACCCCATCAGCTCTCGGAAGGAGAGAAGCAGATCCAGATGCCACAGACTATGCTGACATCATG
 ATGGGCTACCACTGCTGGCTCTGCGGAAGAAGCAACAGCAAGAAACAGTGGCAGCAGACATTCAGT
 CTGAGAAGCACAAGGAGAAGGTCTTCACTTCTGACAGCGACGCCAGCGGCTGGGCCTACCGTTCCCCAT
 GGGCGAGTTCCGACTCTGTGACAGGCTCCAGAAGGGCAAGGCCTGCCAGACGGAGACAAGTGCCTTGT
 GCCCATGGACAAGAGGAACTCAACGAGTGGCTGGACCGCGTGAGGTGCTGAAGCAAAAGCTTGCCAAGG
 CCCGCAAGGACATGCTTCTGTGTCCACGGGATGATGACTTCGGCAATACAACCTCCTGCTGCAAGGGA
 CGGGGACACCCTGTTGCCACCCAGATGCCCTGTTGCTGCAACTGCTACTGCTGCCACCACCACCT
 GGGGAGTAG

ACGCGTACGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1790_a10.zip

Restriction Sites: Sgfl-Mlul

ACCN: NM_001081016

Insert Size: 2949 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_001081016.1](#), [NP_001074485.1](#)

RefSeq Size: 5958 bp

RefSeq ORF: 2949 bp
Locus ID: 20286
Cytogenetics: 15 E1