

Product datasheet for **MC222916**

Zc3h7a (NM_145931) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zc3h7a (NM_145931) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zc3h7a
Synonyms:	A430104C18Rik; AI447294; AW556219; HSPC055; Zc3h7; Zc3hdc7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222916 representing NM_145931

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCCAGTGTGTCCGAGGAGAGAAGAAAGAGGCAGCACAGCATAAAGGAAGGTCTACAGTTCATCCAGT
 CTCGCTGTATCCTGGGACCCAGGAGCAGTATGCGGTGATTTGCATGCTCTCGTGAGAAATCTTTT
 TAATGAAGGAAATGATATTTATCGGGAATGTGACTGGCGTGGCTCTCTAATTCAGTACTCAGAAGCTTTG
 AGTATAGCTAATTATGCAAAGTCTGAAGAAATTTAATTCCTACAGAAATCATTGAAAACTTCGTATAA
 ATCGTATTGCTTCTAATATGGGCTCCGTGATGAAGTTTGAAGACTGTAACGCTGCTCCTCAG
 TGTTAATGCCAGTAACTGCAAGGCTCTGTATCGGAAGGCTAAGGCTCTAAGTACTAGGGCACTACAGA
 GAGGCTACGACGCTGTGGCAAAGTCTCCTTAGCAGTGCCTCAGGATGAACATGTAATAAAATTAACTC
 AAGAATTAGCTCAGAAATGGGATTTAAAATAAGGAAAGCATATGTTAGAGCTGAGCACTACTGAAAGC
 AGTTCCTGGGGATGGGGCTCCCAAGGCTGTGAAGTATTCTGTGGAAGATATTGAGCCAGATTTGTTAGCC
 CCAAGGCAAGAAGCACTTTCGGTTGCCTCCCTTCTACATCCAGTTTTTCTCATGTCATTGGGAGTGAGC
 TGGCCTCTGTTCTATTATGCCGTAACCTCTGTTTTGCAACTGCAAGTGGATGAGAGTCCCTCGCCATC
 CACAGTGTGCAAAATGGAGGGAAGATCCCTTACCATATCCGATGCTTTCTGGATGATGACATTGTC
 CTTGGGATGAAATAGATGCTCTTCTTGATTCTGCCCCAGAAACAAATGATGCTGTTATGTCCTCCACTC
 TGGTCAGAGGACCCCTCCGACTGCCAGTGCAGCTCCGAGCTTGCCTTCAGGACACAATCCCTGCTTGG
 AACCTTGCCATGGGTACAAGGTATCCTGAGCCCTCCTTGCAGACTTTTTCCACCTCTGACTTCATCC
 TTGGAAGAATTTACTCTTCTTAAATTCATTTTCAGTACTGAATCCAAACGAGATCTGTGCACCTCAA
 CTGCTAGAGAGGGAACCCGCTTAAACAACAGTAATTCCTCCTTTTACTTATGAATGGACCAGGTAATTT
 GTTGGCCTCTGAAAATTTCTGGGAATTAACAAGTCAGCCTAGAAATGACTTTGGAACTTTTTTGGAAAT
 GTGATCGCTAAACCATTTTCATCAGGGACTCCTAGGCATCCCCTCGAAGGAACCCACGAGCTGAGGCAAG
 CTTGCCAGATCTGCTTTGAAAAATCAGGCCCTAAGTAAATGGATTTACATACCATGCTAATGTAGATCA
 TAAATGTAAAGAAAGATATTTAATGGTAGGATAAAAAATGTTGAAGATAAATCATGGAAAAAATACGT
 CCAAGACCAACAAAAACAAATTATGAAGGACCATATTATATGCAAAGATGTTGCTGCAGATGATGAAT
 GCCGATATCCTGGCCACTGTACATTTGCTTATTGCCAAGAAGAGATAGATGTGTGGACCCGAAAGAAA
 AGGGCATTGAGTGCAGAGGCTTTCTTTGGGGCAATGGAAGATCAACCTTACTGTGGTCAGAATTCCTC
 CAAGAGCATCATGGAGAGTTTACATTCCTTTGTGAGAAATGTTTTGATCATAAACCTAGAATGATAAGTA
 AAAGAAATAAAGATAATCCACTGCCTGCTCTACCCCGTCACAAAGCATGAATTTGAGGACAATAAGTG
 CCTTGTCCACATTTTGGAGAGACCACAGTAAAATATTCCAAAATACGTTCTTTTCATAAAACAATGTCAA
 TTTGATATTTGTGCGACATGAAGTTCGTTATGGCTGCGTGAGGGAAGATGAGTGTCTATGCCCATAGTC
 TTATTGAACTGAAAGTCTGGATAATGCAAAGTGAAGAGGTATCTCCCATGATGATATTGCTCAACAATC
 CAAACAATATTGGAGAAGTTTGAAGCAAGCATGCCGGGAGTGCAGGTCCTTGGTAATCAATAATGCCT
 GGATTACTTAACATGGAGATAAAGTTTGTATGTGCTCAGTGTCTGAGAAATGGCCAAGTCATTGAACCAG
 ACAGGAACAGAAAGTACTGCAGTGCCAAAGCACAGCATTTCGTGGACCAAGAACGTCGTGAATGAGAGC
 GATGCTTTTTGAACGTAAGAAGTGGATGAACATCCGTCCTCCCCACAAAGAAACAATGCCTTTACAG
 TTTGATCTATGCAACCATATTGCTAATAGAAAAAAGTGTGAGTATGTTGGCAACTGTTCTTTGCTCATA
 GTCCAGAGGAGCGGAAGTGTGGACTTACATGAAGGATAACAAAATACATGATATAGAGCAATTTTATGA
 ACTCTGGCTGAAGAACCAAAAAACTGAAAAAGTGTGAGACAGCCAGTCACTGTAGCAAAGAAAACGGG
 AAGCAGATCCATATGCCAACAGACTATGCTGAAGTCACTGTGGACTTCCACTGCTGGATGTGTGGGAAGA
 ACTGTAACAGTGAGAAGCAATGGCAAGACCACATCTCCTCTGAGAAGCACAAGGAGAAGTTTTCCACAC
 TGAGGATGACCAGTACTGCTGGCAGCACCCTTCCCACTGGGTACTTCAGTATTTGTGAGAGGTATATA
 AATGGCTCCTGCACAGAAGGAAGCAGCTGTAATTTGCACATGGAATGCTGAACCTCATGAATGGGAAG
 AAAGAAGAAAGGCCCTACAGATGAAATTAAGAAAGCACGAAAGATCACTTAATTGCCCAAAATGATAA
 TGACTTTGGAAAATATAGTTTTTTGTTTAAAGATTTAAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_145931
Insert Size:	2913 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:	<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_145931.2</u> , <u>NP_666043.2</u>
RefSeq Size:	3857 bp
RefSeq ORF:	2913 bp
Locus ID:	106205
Cytogenetics:	16 A1