

Product datasheet for **RN210313**

Zc3h3 (NM_001134865) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zc3h3 (NM_001134865) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zc3h3
Synonyms:	Zc3hdc3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN210313 representing NM_001134865

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGGAAAAGGAGCAGCTGCGCGGCAGATACGCCCTCTGCAGGGTCTAATTGACGACTATAAAACC
TCCACGGCAATGGCCCTGCCCATGGCTCCTCATCAGCTACTCGGTGGCAGCCACCTGTGTTCCAGGGTGG
CAGGACCTTTGGCTCCCCTACTCCCGTCCAAATCGGAGGGGCTTCTCTTACACCATGGCCCTTATGG
CGCAAGAAATACTCCCTTGTGAATCAGCCTCTGGAATCTTCTGACCCAGCCAGTATCATGCTTTGCAGG
CATCCCTCCGTGAGGATAGCCAGCATCTGAACCCAGCCGTACGTCTGGAGAGACAGGTCCAGCTCAG
TCCAGATCAGAATATGGTCATTAAGATCAAGCCACCATCAAAGACAGGGTCTATCAATGTTTCAGGGGTC
CAGCGGGTTCCTTGAAGACTGTGATGACCCCTCTTGGAGTGACCAAAGACCCCAAGGAAGCGAGGTTG
AGGTCCCTGGTGGACAGCTGCAGCCTCCAAGGCCAGGAAGAACAAGATGGGTTACAGTGTGGACGACCC
CCTCTTGGTCTGCCAGAAGGAGCCTGGCAAGCCTCGGGTGTGAAAGTCTGTGGGAGCAATTAATGACAGC
TCTCTGAGCACCAGCGACAGTCAAGTAAAGTAAATGCCATCAAGGCACACTTCCCATCCTCTGTCC
TACCCCAACGCACTGGTGTGGCTCTGGGCCGGAAGGTCGGCTTCACTTACCAGCTATTCTGAACAGTT
TATTGGAGACAAAAAGCAAATATTGGCCATGCAGACCGACTAGCTTCTTGGGGTCAAGTGGTCCCA
GTCAGACCAGCAACGGGAACCAGGCAGGTCAAGGGAGGCCCTCACTGCTAGTGTCTTGTGCAACCAGCAAGT
TTCGGA AAAACA ACTACAATGGGTAGCTGCCTCACA AAAAGAGCCCCGGGTCACTCGGAGAGCTCTCAG
TCCCAGAACTCTGGAGAGTGAACAAGGCCGCTTTCGGTATGGGTGTAAGACCGAGAAGTACACAG
CATAAGGTTGACCCAGGGGCGAGGCCTGAGAACTGGCCACACCAGCCAAAGGCTGGAGCCTCTCCCAGCA
AGTACAAGTGAAGGCTTCCAGCCCTCGGCCTCTTCTTCTTCTTCCGTTGGCAGCTGAGGCTGG
CAGCAAGGACCATACTTCTCAGCTCTCCCAGTCTATCTAGGCCCCCGTCAGGGGACAGCCAGCAGGG
GTACCCAGCAACTCGAAGCCCTCTTGGAGAGTCAAGCTCTCAGCTTACAAAGTGAAGAGCCGAACCA
AGATTATCCGGAGGCGGGCAATACCAGCCTTCTGGGACAAGAAGATCAGCCCTCAGCTGCCACCAC
CAACAAAACCATCTTACCCAGCGACGGAGACAGGCCCTCCGGGGGAAGAGTAGCCCATTTCAAGGAAG
ACTCCTCAGAAGGCTGATGCAGGTCAACAGGCATCGGCTGTGCTGTGTCATCCAGCCGGACCCACC
TCTCCAGCAAGGAAGCTTCCAATGCGCACATACGGATTCCGCCCTCCAATAAGGTGATCAAGACCCGCTA
CCGATTGTCAAGAAGACCCCAAGCTTCTCTTGGTGTCCGCTTCCCTCATCTATACCCTCTGG
CGGGCCCGGCGCATCTCGTTATCAAGGTCTCTAGTGTGAACCGCCTTGTCCAACAATCACTGGGGGAG
GAAAGCACACCTGGTTCCCTCGATGGCGTAACAAGGCTACCGATGCATTGGAGGGTCTGTACAA
GGTGTCTGCCAACAAAGCTCTCCAAGACCTCCAGCAGGCCAGTGACAGCAACAGGGCCCTCTCCGAACA
GGACGCTGGACCTGCCACTACCAGCAGTCTGCTTCTGGCCAGCCGGGCATCCAGCGGAGTCTGGCTA
TCATCCGGCAGGCGAAGCAGAAGAAAGAGAAGAAAGAGAGTACTGCATGTATTACAACCGTTTTGGCAG
GTGTAACCGTGGCGAATGCTGCCCTACATCCATGACCTGAGAAGGTGGCCGTGTGACCAGATTTGTC
CGAGGCAGTGAAGAAGACAGATGGGTCTGCCCTTCTCTCATCATGTGTCCAAGGAAAAGATGCCTG
TGTGCTCTACTTCTGAAGGGGATCTGCAGCAACAGCAACTGCCCTACAGCCACGTGTATGTGTCCTG
CAAGCCGAAGTCTGCGGTGACTTCTCAAAGGCTATTGCCACTGGGTGCGAAGTGAAGAAGAAGCAC
ACACTGCTGTCTGACTTTCGCCGAGGGGTGTTGTCCCGTGGCACCCAGTGCCAGCTGCTTCATC
GTAACCAAGGACATGGCCGGCGACAGCTGCACCTCTATCCAGGGCCAGTGATGGAACCCCGAG
AAGCAAGGCTCAGCCGGCCATGCACTCAGGAAGCCCACTACTACTCCGCGCCCTGCCAGACAGATGTCC
AGTGGTCTGGCTTCCAGAACGGAGGCCAGCCTCCCCTCCCCCTCCCCAAGGGTATTAGCCTCCACCT
CTACCCTGTCTTCAAAGGCCACTGCTGCCT
TTCCTTGGATCAGGAAGAAGCTGTCTCTGGACAGGCGGGGAGGCTCAGGAACAGGCTCTGGCAGCCTC
TGCAAGCTACCATCCTTTATCTCCCTGCATTCTCTCAAAGCCAGGAGCCAGACTGGGCCCCAGGCC
CCAGGAGCCCCGCCGAAGGACTCAGGAAGCCGCTACACATCAAACCACGCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:	NM_001134865
Insert Size:	2859 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_001134865.1</u> , <u>NP_001128337.1</u>
RefSeq Size:	3384 bp
RefSeq ORF:	2859 bp
Locus ID:	300032
Cytogenetics:	7q34