

Product datasheet for **MC205172**

Zc3h3 (NM_172121) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zc3h3 (NM_172121) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zc3h3
Synonyms:	BC049953; Kiaa0150; Smicl; Zc3hdc3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

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>BC060682
CGGACTCCGGAGATGGAGGAAAAGGAGCAGCTGCGGCGGCAGATACGCTCCTGCAGGGTCTAATTGATG
ACTATAAAACACTCCACGGCAATGGCCCTGCCCTGGGCAACTCATCAGCTACTCGGTGGCAGCCACCCAT
GTTCCCGGGTGGCAGGACCTTTGGCGCCGCTACTCCCGTCCAAGTCGGAGGGGCTTCTCCTCACACCAT
GGCCCTTCGTGGCGCAAGAAATACTCCCTTGTAATCAGCCTGTGAATCTTCTGACCCAGCCAGCGATC
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CTTTGGCAGGTGTAACCGTGGCGAATGCTGCCCTACATCCATGACCCTGAGAAGGTGGCGGTGTGACC
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CAGATGTCCAGTGGTCTGGCTTCCGGAGCTGAGGCCAGCCTCCCACTCCCTCCCAAGGGTATTAG
CCTCCACTCTACCCTGTCTTCAAAGGCCACCGTGCCTCTCTCTTCCCTCTCCCTCTACTAGCTC
CCCAGCCCTTCTTGGAGCAGGAAGAAGCTGTCTCTGGGACAGGCTCAGGAACAGGCTCAGTGGCCTC
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TCTGAGGAGAAGCAGCTGCCACTGAGCCAGCTGGGGCTTAACCAGGAGTATAGTCTCTCCACTT
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CTCTAGGACTTGTCCCTGGCTCCCATCCATCAGGGTGCATGTGAGGTTATCCAGCCTGTCTCTGT
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CTAATGGCCAGGCTCTCTGGTGGGATTTTATGTTTCAGCAATAAAGGTTTTATCCTGTGAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites:

AscI-NotI

ACCN:	NM_172121
Insert Size:	2853 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:	BC060682 , AAH60682
RefSeq Size:	3386 bp
RefSeq ORF:	2853 bp
Locus ID:	223642
UniProt ID:	Q8CHP0
Cytogenetics:	15 D3
Gene Summary:	Required for the export of polyadenylated mRNAs from the nucleus (By similarity). Enhances ACVR1B-induced SMAD-dependent transcription. Binds to single-stranded DNA but not to double-stranded DNA in vitro. Involved in RNA cleavage (PubMed:16115198). [UniProtKB/Swiss-Prot Function]