

Product datasheet for **MC205168**

Zcchc12 (NM_028325) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zcchc12 (NM_028325) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zcchc12
Synonyms:	2810028A01Rik; AV136720; Sizr1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC055714
 GGAAACTGCGCTATTCGAATCCGGTTACCTGTGGCAGCCCATCAAAGCGGAATCTGAACTTGAATTTGGT
 GCAGCTGGTTGTAGAGCTGGTCTTGAGCATCAGGATCTGAGACCCCAAGTCGATCGAGGTCCATCAACTG
 GACCCTGGAGGCAGGCTTTCTCACGGGAGGGAGGACACAGGTTGCAGAAGCTGAAATACTCCAGTTTCC
 CAGCTGATCCCCCTACTGAGATTGGAGACTGCTGCACTGCTGAAGATAAAGCGTTTTTGTGGTTTCTA
 AAACGCCTTGAACCTCGTGTATTAAGATATCCTATCACTGCTGTCAGACATGGCTAGCATCCCTTTCACGT
 TTGGGTAGCAGCCGGGGGCAGAACTCACCCCTGCCACCTTGGGCTCATTCCATGCTGAGATCCCTGGGGA
 GGAGTCTTGGCCCTTAATGGCCAGCATGGCAGAGAGAAACATGAGGTTGTTCTCTGGGAGGGCAGAGCC
 AGCCCAGGGGAAAGAAACCTTTGAAAACCTGGCTGAGCCAAGTAACTGGGGTGGCTGCTGATTGGCATATG
 CCTGAGGAGGAAAAGGTGAGACGCTAATGAGAACCCTTAGAGGCCCTGCCCGGAGGTCATGCGTTTGC
 TCCAAGCTGCCAATCCTGGCCTAGATGTAGAGGATTTTTTGCGGGCGATGAAACTGGTCTTTGGGGAGTC
 TGAGAGCAGTGTGACAGCCCATAGTAAATTTGTTAACACTGTTCCAGAACATGGAGAGAAACCATCCCTG
 TATGTGATCCGTTTAGAGGTGCAGCTGCAGAATGCTATCCAGGCAGGGGTGTTTGGCTGAGAGAGAGGCAA
 ACCAGGCTCGCCTGCATCAGCTCCTGGTAGGAGCTGAGATGAGTACAGACCTTCGATTCCAGGCTTAAGAA
 TCTTCTCCGGGTATATGCAAATGAGCCAGAGCGCCTTCCCAATTTCTAGAGTTAATCAGGATGATAAGG
 GAGGAAGAGGAATGGGAGGAGACTTTTATTAATCCAAAGCGGCCAGAAGAGCCGAGTCAGTGATGGAGA
 GGGCACTCAGCCCTATGGCATTTCAGAGCTCCCCACCAATAATGATCAGCAGTATCGACTGCAATGTGAT
 CGAGATAGATGACTCTCCTGATGATTCCGATGAGGATGTGATCTTGGTGGAGCCTGAGGACCCACCACTG
 CCATCCTCAAGTGCCCTTCTCCTTAGGCAGGGCTGTATCTGAGGACCAAGTGCTGGTCATTGAGTCCC
 CAAACATTTTTGAGATCCAGGCTCCTTCCACTAGCAGTGGTGTGGGAGAAAGAACAATCGGGGTTTTGG
 GGAGCTGCGTAGAGCCAGGAAGCGCAAACATACGATCCATTGTTCCCACTGTGGTGGAGGGGCACTCA
 AAAGAAACCTGTGACAATGAGAGTGACAAGGGCCAGGTTTTTGAAGTCTGATCATCACCTGCAGGAGC
 TGACACATGCAGAGGAGAGGGCAAGGGGGCCCTGGTGAACCCATTGGCCTATCTGAACACAGTAAGA
 TCGGACTCCCCAGCCTTAAATTAACCCCTTACCCGTATTAATGTTAACGGTGGAAAAGTTGTGGGGACA
 GATTTCTAATTGCATGAACAAATCCACAAGTGGCTTTCTTTGGGGTGGAGAAAGGTCGCCAATACCA
 GTACAGTAAAGAGAGGTGGCCTGACCTATGATCGTGTCCATTCCCACTGCTTAACAGTCTATTTTCT
 GTGTGAACCTCTCCTTGGTGGCTTTGTTCTCTTTGTGAAAAGTGGTATTGTTTATTGTTCAATCTTCAA
 GTAAGAAAATTATTAAGTACAATTACCCAGACCTCTACCTTGTGAAACAATTGCAGCCCTTTG
 GTTCTATCCTTCTAAATATTTCTATATCTGTGTTCCCTAGATTAGAAATATGTATAGACGAAAGTGAT
 CAAATAGAAGTGTGTTCTATATGCTGATTTTTTACCCAAAACGTATGTTGTGGCCTTCTTTGTCAATA
 AATATATACATATATGTCAGCATCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_028325

Insert Size: 1209 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: [BC055714](#), [AAH55714](#)

RefSeq Size: 2083 bp

RefSeq ORF: 1209 bp

Locus ID: 72693

UniProt ID: [Q9CZA5](#)

Cytogenetics: X A3.3

Gene Summary: Transcriptional coactivator in the bone morphogenetic protein (BMP)-signaling pathway. It positively modulates BMP signaling by interacting with SMAD1 and associating with CBP in the transcription complex. It contributes to the BMP-induced enhancement of cholinergic-neuron-specific gene expression.[UniProtKB/Swiss-Prot Function]