

Product datasheet for RN214578

Zcchc12 (NM_001014065) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zcchc12 (NM_001014065) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zcchc12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214578 representing NM_001014065 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTAGCATCCTTTCACGCATGGGTAACAGCCGGGGGAGAACTCACCCCTGCCACCTGGGCTCATT
CCATGCTGAGGTCCCTGGGGAGGAGTCTTGGTCTTTAATGGCCAGCATGGCAGAGAGAAACATGAAGCT
GTTCTCTGGGAGGGCAGAGCCAGCCAGGGGGAAGAACTTTGAAAAGTGGCTGAGCCAAGTAAGTCA
GTGCTGCCTGATTGGCATATGCCTGAGGAGGAAAAGGTCAGGCCGCTAATGAGAACCTTAGAGGCCCTG
CCCGGGAGGTCATGCGTTTGTCTCCAGGTCGCAATCCCTGCCTTGATGTAGAGGATTTTTGCGTGCAAT
GAAACTGGTCTTTGGGGAGTCTGAGAGCAGTGTGACAGCCACAGTAAATTTGTTAACACTGTTCCAGGAA
CCTGGAGAGAAACCATCCCTGTATGTATCCGTTTAGAGGTGCAGCTGCAGAATGCTATCCAGGCAGGGG
TTTTTGCTGAGAGAGAGGCAAACAGGCTCGCCTGCACCAGCTCCTGGTAGGGGCTGAGATGAGTACTGA
CCTTCGATTAGGCTTAAGAGTCTTCTCCGGGTATATGCAATGAGCCAGAGCGCCTTCCCAATTTCTG
GAGTTAATCAGGATGATAAGGGAGGAAGAGGAATGGGAGGAGGCTTTTATTCATCAAAGCGGCCAGGA
GATCCCAGTCAGTGGAGAGGGCACTCAGCCCTACATTTCCAGAGCTCCCCACCGTAAATGATCAGCAGTAT
TGACTGCAATGTGATAGAGATAGATGACTCTCCTGATGATCCGATGAGGACGTGATCTTGGTGGAGCCT
GACGACCACCACTGCCATCCTCAAGTGCAGGGCCATCCTTCTAGGCAGGGCTGTATCCGAGGACCAAG
TGCTGGTCATTGAGTCCCCTAACATTTTGGAGTCCAGGCTCCTTCCACCAGCAGTGGTGCCTGGAAGGAA
GAACAACAATAATTTGGGGAGCTGCGCAGAGCCAGGAAGCGCAAACACACAGTCCATTGTTCCCACTGT
GGTGGAGAGGGTCACTCAAAGAAACCTGTGACAAATGAGAGTGCAGGGGTGAGGTTTTGAGAATCTGA
TCATCACCTGCAGGAGCTGACACATACAGAGGAGAGGGCAAGGGAGATCTTTGGAGAAGCCATTGGCCT
CTCTGAACACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001014065
Insert Size:	1206 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_001014065.2</u> , <u>NP_001014087.1</u>
RefSeq Size:	2106 bp
RefSeq ORF:	1206 bp
Locus ID:	313436
UniProt ID:	<u>Q5HZA3</u>
Cytogenetics:	Xq35
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 (By similarity).[UniProtKB/Swiss-Prot Function]