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Product datasheet for MC201097

Zcchc8 (BC013555) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zcchc8 (BC013555) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zcchc8
Synonyms:	5730565F05Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>BC013555
ATTCTGACAAGACCCAGTGGTATACTGGTGAGCAATACTAAGATAGATGGACCGTTACTACAAATTCTAT
TTATGAACAATGCTATCTCAAAGCAATACCACCAAGAAATAGAGGAGTTTGTATCAAACTTAGTAAAACG
ATTTGAGGAACAGCAAAAAAATGACGTGGAAAAGACTTCCTTCAGCCTTTTACCCCAGCCGTCCAGTGTT
ATGTTGGAAGAGGACCATAAAGTGGAAGAATCATGTGCCGTTAAAAACAACAAGGAAGCTTTTAGTGTTG
TAGGAAGTGTCCTGTATTTTACTAATTTTTGCCTTGATAAATTGGGGCAACCGCTACTAAATGAAAACCC
TCAGCTTACGGAAGGATGGGAAATACCCAAGTACCAGCAAGTCTTCAGCCACATTGTTCCTCTAGAAGGG
CAAGAGATGCAAGTGAAGGCAAAAAGGCCAAAGCCTCACTGTTTCAACTGTGGTTCTGAAGAGCATCAGA
TGAAGGAATGCCCAATGCCTCGGAATGCTGCTCGGATCAGTGAGAAGAGGAAAGAGTACATGGATGCCTG
TGGCGAGGCCAGCGGCCAGAGCTTCCAGCAGCGCTATCATGCCGAAGAAGTAGAAGAGAGATTTGGAAGA
TTCAAGCCAGGAGTTATTAGTGAGGAACTTCAAGATGCACTGGGTGTGACAGACAAGAGTCTTCCCCCTT
TCATCTACCGGATGCGCCAGCTGGGCTACCCACCGGGCTGGCTCAAGGAGGCTGAACTGGAGAATTCTGG
ACTTGCACTCTATGATGGAAACGATGACGCTGATGGGGAAACAGAAACTGGAGAAATACAGAATAAAAAT
GTCACCTACGATCTCTCAAAATTGGTAAACTATCCAGGTTTTAATATATCTACTCCCAGAGGTATTCCAG
ATGAATGGAGAATGTTCGGTTCCATACCAATGCAGGCGTGTCAACAGAAGGATGTGTTTGCCAGTTACCT
TAATTCTAACATCCAGTCGCCGAGTATGAGATCTAGCGGCAAGCGGTCTTCCTCGCAGTCCAGCCCTAAC
AGTCCAAAGAAGCAGCGAAAGGAGGGCAGTGCGGCGGCCTCCCCTGCCGACATGGAGCTAGACTCAGATG
TAGAGATTCCACCTGGTTCTCAGAGCAGCAAAGCATTTCAGTTCCAACCACCGTTGCCTCCCGGAACACC
GCCTCCACTCCCACAGGGAACTCCCCCGCCTCTCTTCACCCCTCCACTCCCTAAGGGAACCCCACCACTG
ACTCCCAGTGACTCACCCCAGGCCCGACCCGCAGCCTCAGCCATGGATGAGGATGCCCTGACGCTGGAGG
AGCTGGAAGAGCAGCAGAGGCAGATCTGGGCGGCTCTCCAGCAGGCCGAGGGAGGGAATGGCGACTCAGA
TGTTCCTGGAGACACACCTTTAACTGGGAACTCAGTGGCCTCCTCCCCGTGTCCAAACGAGTTTGACCTC
CCTGTCCCCGAAGGAAAGGCCCTGGAAAAGCCAGTGCTGGCTGAGCCCCAGGAACCAGCTGCTTCTGTAG
ACACAGCTGGACCCGAGCCATCCTGCAGCCCAGCAGCAGGGGCAGCAGTGCTCTCTCAGAGAGAAGAGGA
AGCTGCTGCTGAGGGGGGCCCGGGAGATGCTCTTCTCGACAATGGCGGTGTGTTGAACATGAACATGAGC
AATGGGAGCAACCAGCAGCCCATTCACCCGGACAGCCGGCCTCCGATGGCCCCAAAAACCCATAGCCCAG
TACCTGACATGAGCAAGTTTGCCACTGGAATAACACCCTTTGAATTTGAGAACATGGCTGAATCCACTGG
AATGTACCTCAGGATAAGAAACCTGTTGAAGAATTCACCCCGAAATCAGCAGAAAAACAAAAAGACTTGT
GAGTGAGCCCTGGCTGCGTGGTGATGTGCAGCTCTGATTGTCCCACCAGCCTGAGGCCAGGTGACCCGTT
TGTCCCTCCCACCTTTCAGAATCTGGTGTAATTGTGATCTCGAGTCAAGGCTGTTTTACAGAATGAAAGA
CTGGGTGTGAGTTTGTTCTTTTCTTCTCACTGACAGCAACCCAGAGTTTGCGTGCGGGAGCTGGTTCAGG
GATGCTTGGTCCGGGTTAGACTATTTTTGGATCGTGAGTGTCTGTCAAGAGTGAAGGGTTTTTTTTTTTT
AATGTCTTTTGTAAATTGTTTTCCCTTTCTACATTTTGCTATTATCCTGTATATATAAGCTTAATATATC
ACTTTTTAAAGAAAATTCTAACAATTTTAAATTCACATTTCAATTTCAACAACCAAATGAGAACAATCAG
GGATCGGCAGCTTGCTCCTGCTTGCTCGGGGTATTTTTGTAAGATTTTCATGCATGATTTTAATAACACT
TTTACTTTTTGTAATTTAATTATTCAAATATGCTTCCAATAAAGGTGTGCTCACCTTTGTGTAAAAAAAA AAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC013555

Insert Size: 1407 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:	BC013555, AAH13555
RefSeq Size:	2463 bp
RefSeq ORF:	1407 bp
Locus ID:	70650
Cytogenetics:	5 F
Gene Summary:	Scaffolding subunit of the trimeric nuclear exosome targeting (NEXT) complex, a complex that directs a subset of non-coding short-lived RNAs for exosomal degradation. The RNA exosome is fundamental for the degradation of RNA in eukaryotic nuclei. Substrate targeting is facilitated by its cofactor MTREX, which links to RNA-binding protein adapters. May be involved in pre-mRNA splicing.[UniProtKB/Swiss-Prot Function]