

Product datasheet for **SC314481**

ZCCHC8 (AK027702) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZCCHC8 (AK027702) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZCCHC8
Vector:	<u>pCMV6 series</u>



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for AK027702, the custom clone sequence may differ by one or more nucleotides

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ATGGCCGACAGAGGTGATTTTGGCGATCTAGAGCTCTTCGAGCCGTTTCGACCACCCAGGG
GAGTCGATTCCGAAGCCCGTTACACTCGCTTCAAGGACGACGACGGCGACGAGGAGGAC
GAAATGGGGTCGGCGACGCGGAGCTACGGGAGCGGCTTCGGCAGTGCAGGAGACCATC
GAGCAGCTCCGCGCCGAGAATCAAGAACTTAAACGAAAATTGAACATTCTGACTCGACCG
AGTGGAAATTTGGTGAACGATACTAAGTTAGATGGACCTATATTACAGATTCTATTCATG
AACAAATGCTATTTCAAAGCAATATCATCAAGAAAATAGAGGAATTTGTATCAAATTTAGTA
AAAAGATTTGAGGAACAGCAGAAAAATGATGTGAAAAAGACTTCCTTTAACTTTTGCCC
CAGCCATCCAGTATTGTGCTAGAGGAGGACCACAAAGTGAAGAGTCCTGTGCCATTAA
AACAAAGAAGGCTTTTCAGTGTGTAGGAAGTGTCTGTATTTTACTAATTTTTGCCTT
GATAAATTTGGGGCAACCGCTTCTAAATGAAAACCTCAGCTTTCGGAAGGATGGGAAATA
CCCAAGTACCATCAAGTCTTCAGCCACATTGTTTCTCTAGAAGGGCAAGAAATACAAGTA
AAGGCAAAAAGGCCAAAGCCTCACTGTTTCAATTGTGGTCTGAAGAACACCAAATGAAA
GATTGCCCAATGCCTCGGAATGTGCTCGAATAAGTGAAGAAGAGAAAAGAGTATATGGAT
GCCTGTGGAGAAGCAAACAATCAGAATTTCCAGCAGCGATACCACGCAGAAGAAGTAGAA
GAAAGATTTGGAAGATCAAGCCAGGAGTTATTAGTGAGGAACCTCAAGATGCACTAGGT
GTGACAGACAAGAGTCTTCCACCTTTTATCTATCGGATGCGCCAGCTAGGGTACCCACCA
GGGTGGCTCAAAGAGGCTGAATTGGAGAATTCGGGGCTTGCACTCTATGATGGAAAAGAT
GGCACTGATGGGGAAACAGAAGTTGGAGAAATACAACAGAATAAAAGTGTCACTTACGAT
CTCTCAAATTTGGTCAACTATCCTGGTTTTAATATATCTACTCCCAGAGGAATCCAGAC
GAATGGAGGATCTTTGGTCCATACCAATGCAGGCATGTCAGCAGAAGGATGTGTTTGCC
AATTACTTACTTCTAACTTCCAAGGCCAGGTGTGAAGTGTGGCAACAAGAGGTCTTCA
TCTCACTTAGCCAGGTAGTCCAAAGAAGCAGAAGAATGAAAGCAACTCAGCGGATCT
CCCGCCGACATGGAGCTCGATTAGATATGGAGGTACCACATGGTTCTCAGAGCAGCGAA
GGTTTTAGTTTTCAACCACATTACCTCCTGACACTCCTCCACTCCCCGGGGAACCTCT
CCACCCGTCTTCAACCCTCCACTCCCAAAGGGCACCCGCGCTGACTCCCAGTGACTCA
CCCCAGACCAGAACAGCATCTGGAGCTGTGGATGAGGACGCACTGACTCTAGAAGAACTT
GAAGAACAGCAGAGGCGGATCTGGGAGCTCTTGAGCAGGCCGAGAGCGTAAACAGCGAC
TCCGACGTTCTGTGGACACACCTTTAACTGGCAATCCGTTGCCTCATCACCTGTCCA
AATGAGCTAGACCTCCCTGTCCCGGAGGGAAAAACATCTGAAAAGCAGACGCTGGATGAG
CCTGAGGTACCAGAGATTTTACAAAGAAATCAGAAGCTGGACATGCCTCCAGTCCAGAC
TCTGAGGTGACATCACTTTGTCAGAAGGAAAAAGCAGAGTTGGCTCCGGTAAACACTGAA
GGTGCCCTTCTTGATAATGGCAGTGTCTACCAAATGTGACATCAGCAATGGGGGACGC
CAGAAGCTCTTTCCTGCAGACACCAGTCTTCAACGGCCACTAAAATTCATAGCCCTATA
CCTGACATGAGCAAATTTGCAACTGGAATCACGCCATTTGAATTTGAGAATATGGCAGAA
TCTACTGGAATGTACCTCAGGATAAGAAGCTTGTAAAGAACTCACCCCGAAACCAGCAG
AAAAACAAAAAGGCTCTGAA

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Restriction Sites: Please inquire

ACCN: AK027702

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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>AK027702.1</u> , <u>BAB55308.1</u>
RefSeq Size:	2603 bp
RefSeq ORF:	2124 bp
Locus ID:	55596
Cytogenetics:	12q24.31
Domains:	zf-CCHC, PSP
Gene Summary:	This gene encodes a scaffold protein which serves as an accessory factor to the nuclear RNA exosome complex. The encoded protein forms a trimeric human nuclear exosome targeting (NEXT) complex, together with hMTR4 and the RNA-binding factor RBM7 which promotes the exosomal degradation of non-coding promoter-upstream transcripts, enhancer RNAs and 3'-extended products of histone- and small nuclear RNA transcription. This complex is also thought to recruit the exosome to degrade intronic RNAs via its interaction with both the exosome and the spliceosome. It contains both an N-terminal zinc-knuckle domain and a C-terminal proline-rich domain. [provided by RefSeq, Apr 2017]