

## Product datasheet for **SC321940**

### ZCCHC8 (NM\_017612) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZCCHC8 (NM_017612) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZCCHC8
Synonyms:	PFBMFT5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:**

>OriGene sequence for NM\_017612.2  
 CGCCTTCCAACCTTCTTCCCAAGCCCTGGTGGCCGGCTCCGCTCTTCTCGAATCTTTT  
 CCACAGCCCAAAATGGCCGACAGAGGTGATTTTGGCGATCTAGAGCTCTTCGAGCCGTTCC  
 GACCACCCAGAGGAGTCGATTCGAAAGCCGTTACACTCGCTTCAAGGACGACGACGGC  
 GACGAGGAGGACGAAAATGGGGTCGGCGACGCGGAGCTACGGGAGCGGCTTCGGCAGTGC  
 GAGGAGACCATCGAGCAGCTCCGCGCCGAGAATCAAGAAGTTAAACGAAAATTGAACATT  
 CTGACTCGACCGAGTGAATATTGGTGAACGATACTAAGTTAGATGGACCTATATTACAG  
 ATTCTATTTCATGAACAATGCTATTTCAAAGCAATATCATCAAGAAATAGAGGAATTTGTA  
 TCAAATTTAGTAAAAAGATTTGAGGAACAGCAGAAAAATGATGTGAAAAAGACTTCTTTT  
 AATCTTTTGCCTCAGCCATCCAGTATTGTGCTAGAGGAGGACCACAAAGTGAAGAGTCC  
 TGTGCCATTAACCAACCAAGGAAGCTTTCAGTGTGTAGGAAGTGCCTGTATTTTACT  
 AATTTTGGCTTGATAAATTGGGGCAACCGCTTCTAAATGAAAACCTCAGCTTTCGGAA  
 GGATGGGAAATACCCAAGTACCATCAAGTCTTCAGCCACATTGTTTCTCTAGAAGGGCAA  
 GAAATACAAGTAAAGGCAAAAAGGCCAAAGCCTCACTGTTTCAATTGTGGTTCTGAAGAA  
 CACCAAATGAAAGATTGCCCAATGCCTCGGAATGCTGCTCGAATAAGTAAAAGAGAAAA  
 GAGTATATGGATGCCTGTGGAGAAGCAAACAATCAGAATTTCCAGCAGCGATACCCACGCA  
 GAAGAAGTAGAAGAAAGATTTGGAAGATTCAAGCCAGGAGTTATTAGTGAGGAACCTCAA  
 GATGCACTAGGTGTGACAGACAAGAGTCTTCCACCTTTTATCTATCGGATGCGCCAGCTA  
 GGGTACCCACCCAGGGTGGCTCAAAGAGGTTGAATTGGAGAATTCGGGGCTTGCACTCTAT  
 GATGGAAAAGATGGCACTGATGGGGAAACAGAAGTTGGAGAAATACAACAGAATAAAAGT  
 GTCACCTACGATCTCTCAAAATTTGGTCAACTATCCTGGTTTTAATATATCTACTCCAGA  
 GGAATTCAGACGAATGGAGGATCTTTGGTTCCATACCAATGCAGGCATGTCAGCAGAAG  
 GATGTGTTTCCCAATTACCTTACTTCTAACTTCCAAGCGCAGGTGTGAAGTCTGGCAAC  
 AAGAGGTCTTCACTCTACTAGCCAGGTAGTCCAAGAGAGCAGAAGAATGAAAGCAAC  
 TCAGCGGGATCTCCCGCCGACATGGAGCTCGATTAGATATGGAGGTACCACATGTTTCT  
 CAGAGCAGCGAAAGTTTTAGTTTTCAACCACCATTACCTCCTGACACTCCTCCACTCCCC  
 CGGGGAACCTCCACCCGCTTTCACCCCTCCACTCCCAAGGGCACCCCGCGTACT  
 CCCAGTGACTCACCCAGACCAGAACAGCATCTGGAGCTGTGGATGAGGACGCACTGACT  
 CTAGAAGAAGTGAAGAACAGCAGAGGCGGATCTGGCAGCTCTTGAGCAGGCCGAGAGC  
 GTAACAGCGACTCCGACGTTTCTGTGGACACACCTTTAACTGGCAATTCGTTGCTCA  
 TCACCTTGTCCAATGAGCTAGACTCCCTGTCCCGGAGGGAAAAACATCTGAAAAGCAG  
 ACGCTGGATGAGCTGAGGTACCAGAGATTTTTACAAAGAAATCAGAAGCTGGACATGCC  
 TCCAGTCCAGACTCTGAGGTGACATCACTTTGTGAGAAGGAAAAAGCAGAGTTGGCTCCG  
 GTAACACTGAAGGTGCCCTTCTTGATAATGGCAGTGTGCTACCAAACTGTGACATCAGC  
 AATGGGGCAGCCAGAAGCTCTTTCCTGCAGACACCAGTCTTCAACGGCCACTAAAATT  
 CATAGCCCTATACCTGACATGAGCAAAATTTGCAACTGGAATCACGCCATTTGAATTTGAG  
 AATATGGCAGAATCTACTGGAATGTACCTCAGGATAAGAAGCTTGTTAAGAAGTCAACC  
 CGAAACCAGCAGAAAAACAAAAGGCCTCTGAATAATGGCTTGACTTAGCACTGAGAGCT  
 ATTTAATAACTTTGTTCCGTTAATTAGTACTAATTAAGTGGATAGATAGAATGGTTTTCC  
 TGTTTGTCCCTCCATGTTTAAAAATCTATCCAAGGTTTCATGTTCCAAAGTCAAGCCTAT  
 TTTAAAGAAAGACTGAGCTCACTAGTTCAGTATATTTTATTCTACTGACAAAAGTTGGG  
 GGGAGATGTGAATATGACCTGGTTTAGAGAGGGTTTGTAAAGTTTATACTATTTTTGGA  
 TTGTGACTATCCGTCGAGAGTGTGGTTTTATCTGTCTTTTGTACATTGTTTTCCCTTT  
 CTACATTTTGTAAATATCCTGTATATAAGTTTAAATATATCACTTTTTAAAGAAAAAAT  
 TCTACCATTTTAAATTCATGTTTCAACTCCTACAACCAATGAGAAAAATCAGGGATGAG  
 CAGCTTTATCCCATTTGGGGTATTTTTGTAAGTGATTTACATGTGTCAATTTTAGTAATA  
 CTTTTACTTTTTGTAACCTTCATCCTTCATATATGCTTGTATACAGGTATGTTTCATCTT  
 TGTGTACAGAGTTTAAATAAATTAGTTTTTCATATAAGAAAAAAAAAAAAAAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:**

Please inquire

<b>ACCN:</b>	NM_017612
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_017612.2</a></u> , <u><a href="#">NP_060082.2</a></u>
<b>RefSeq Size:</b>	2874 bp
<b>RefSeq ORF:</b>	2124 bp
<b>Locus ID:</b>	55596
<b>UniProt ID:</b>	<u><a href="#">Q6NZY4</a></u>
<b>Cytogenetics:</b>	12q24.31
<b>Domains:</b>	PSP
<b>Gene Summary:</b>	<p>This gene encodes a scaffold protein which serves as an assessor 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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>