

## Product datasheet for **SC333048**

### ZNF512 (NM\_001271289) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ZNF512 (NM\_001271289) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** ZNF512  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC333048 representing NM\_001271289.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAAGATGAGAAGAATCAAGCCAGCTGCTACTTCTCATGTCTGAAGGGTCAGGTGGAGTATCAGCCAAG
GGGAAAAGGAAACCCAGGCAGGAAGAAGATGAAGACTATCGAGAATTTCTCAGAAGAAGCATAAGCTT
TATGGCAGTTTGGAGGAGCAATGGTACTTAGAAATCGTTGATAAAGGCAGTGTCTCCTGCCTACCTGC
CAGGCAGTGGGGAGGAAGACCATAGAGGGTTTAAAGAAACACATGGAAAAGTGAAGCAGGAAATGTTT
ACTTGCATCATTGTGGGAAACAACCTTCGTTCACTGGCAGGGATGAAGTATCATGTCATGGCAAATCAT
AATAGTTTGCCCATTTTGAAGCCGGAGATGAAATAGATGAGCCAAGTGAAGGGAAAGGCTCCGAACA
GTTCTAAAGAGACTGGGAAAGCTCAGGTGCATGCGTGAGAGTTGCTCCAGTAGTTCACCCAGCATCATG
GGATATCTCTACCATGTCTAGAAAATGTGGCAAAGGGGCTGCAGAGCTGGAAAAGATGACCCGTGAAATGT
CACCACTGTGGAAAACCATATAGGTGCAAGGCTGGACTTGCATATCACCTGAGGTGAGAGCATGGCCCT
ATATCCTTCTTTCCAGAGTCAGGACAGCCAGAGTGCTTAAAGGAGATGAACCTAGAGTCAAAGAGTGGG
GGCCGAGTTCAGAGACGTTCTGCCAAGATAGCTGTATACCACCTACAGGAGCTGGCCTCTGCTGAACTG
GCCAAGGAATGGCCAAGAGGAAGGTGCTTCAGGACCTGGTACCTGATGATCGAAAGTTAAATATACT
CGTCCAGGGCTCCCTACCTTCAGCCAGGAAGTACTACATAAATGGAAGACAGATATCAAGAAATATCAT
CGTATTCAGTGTCTCAACCAGGGCTGTGAGGCTGTCTACAGCAGTGTATCTGGCCTTAAAGTCACTG
GGCTCTTGATACATTGGGAAACTTTGTGGCTGGAAAATACAAATGTCTTCTATGTCAGAAAAGATTTGTG
TCAGAGAGTGGTGTCAAGTATCAGTCAACTCCGTCCATGCTGAGGACTGGTTTCGTTGTAACCCCAACA
ACAACCAAAGCTTTGAAAAGCTGATGAAGATAAAGCAGCGGCAGCAAGAAGAAGAAAAGCGGAGGCAG
CAGCACAGGAGCAGAAGGTCTCTAAGAAGGCGGCAGCAGCCTGGCATTGAGCTTCCCAGACAGAGCTG
AGTCTTAGAGTAGGGAAGGATCAGAGGAGGAATAATGAGGAACTGGTAGTGTGAGCCTCCTGTAAGGAA
CCAGAGCAGGAGCCAGTCCAGCACAGTCCAGAAAAGTAAAGCCCCAAAGACTAATCATAAACGAGGA
AGGAAATAG
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**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001271289  
**Insert Size:** 1389 bp



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<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>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_001271289.1</a></u>
<b>RefSeq Size:</b>	3504 bp
<b>RefSeq ORF:</b>	1389 bp
<b>Locus ID:</b>	84450
<b>UniProt ID:</b>	<u><a href="#">Q96ME7</a></u>
<b>Cytogenetics:</b>	2p23.3
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	53.1 kDa
<b>Gene Summary:</b>	<p>This gene encodes a protein containing four putative zinc finger motifs. Zinc finger motifs may bind to proteins or nucleic acids. Zinc finger-containing proteins are involved in a variety of processes, including regulation of transcription. Alternative splicing results in multiple transcript variants for this gene. [provided by RefSeq, Sep 2012]</p> <p>Transcript Variant: This variant (6) lacks a portion of the 5' coding region and lacks an alternate internal exon, compared to variant 1. This variant initiates translation at an alternate downstream start codon. The encoded isoform (d) is shorter than isoform a.</p>