

Product datasheet for **SC333047**

ZNF512 (NM_001271288) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZNF512 (NM_001271288) Human Untagged Clone
Tag: Tag Free
Symbol: ZNF512
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC333047 representing NM_001271288.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAAGATGAGAAGAATCAAGCCAGCTGCTACTTCTCATGTCTGAAGGGTCAGGTGGAGTATCAGCCAAG
GGGAAAAGGAAACCCAGGCAGGAAGAAGATGAAGACTATCGAGAATTTCCCTCAGAAGAAGCATAAGCTT
TATGGGAGGAAGCAACGGCCTAAACTCAGCCCAATCCCAATCCAGGCCCGTCGTATTCGGAAGGAA
CCACCAGTTTATGCAGCAGGCAGTTTGGAGGAGCAATGGTACTTAGAAATCGTTGATAAAGGCAGTGTC
TCCTGCCCTACCTGCCAGGCAGTGGGAGGAAGACCATAGAGGGTTTAAAGAAACACATGGAAAACCTGC
AAGCAGGAAATGTTTACTTGTCTCATTTGTGGGAAACAACCTCGTTCAGTGGCAGGGATGAAGTATCAT
GTCATGGCAAATCATAATAGTTTGCCCATTTTGAAGCCGGAGATGAAATAGATGAGCCAAGTGAGAGG
GAAAGGCTCCGAACAGTTCTAAAGAGACTGGGAAAGCTCAGGTGCATGCGTGAGAGTTGCTCCAGTAGC
TTCACCAGCATCATGGGATATCTCTACCATGTCAGAAAATGTGGCAAAGGGGCTGCAGAGCTGGAAAAG
ATGACCTGAAATGTCACCAGTGTGAAAACCATATAGGTGCAAGGCTGGACTTGCATATCACCTGAGG
TCAGAGCATGGGCCTATATCCTTCTTCCAGAGTCAGGACAGCCAGAGTGCTTAAAGGAGATGAACCTA
GAGTCAAAGAGTGGGGCCGAGTTCAGAGACGTTCTGCCAAGATAGCTGTATACACCTACAGGAGCTG
GCCTCTGCTGAAGTGGCCAAGGAATGGCCAAGAGGAAGGTGCTTCAGGACCTGGTACCTGATGATCGA
AAGTTAAATATACTCGTCCAGGGCTCCCTACCTTCAGCCAGGAAGTACTACATAAATGGAAGACAGAT
ATCAAGAAATATCATCGTATTCAGTGTCTAACCCAGGGCTGTGAGGCTGTCTACAGCAGTGTATCTGGC
CTTAAAGCTCACCTGGGCTCTTGTACATTGGGAACTTTGTGGCTGGAAAATACAATGTCTTCTATGT
CAGAAAAGAAATTTGTGTCAGAGAGTGGTGTCAAGTATCACATCAACTCCGTCATGCTGAGGACTGGTTC
GTTGTAACCCAAACAACAACCAAAAGCTTTGAAAAGCTGATGAAGATAAAGCAGCGGCAGCAAGAAGAA
GAAAAGCGGAGGCAGCAGCACAGGAGCAGAAGGTCTCTAAGAAGGCGGCAGCAGCCTGGCATTGAGCTT
CCCGAGACAGAGCTGAGTCTTAGAGTAGGGAAGGATCAGAGGAGGAATAATGAGGAACCTGGTAGTGCA
GCCTCTGTAAGGAACCCAGAGCAGGAGCCAGTCCAGCACAGTTCAGAAAAGTAAAGCCCCCAAAGACT
AATCATAAACGAGGAAGGAAATAG
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Restriction Sites: SgfI-MluI
ACCN: NM_001271288
Insert Size: 1473 bp



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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_001271288.1</u>
RefSeq Size:	3540 bp
RefSeq ORF:	1473 bp
Locus ID:	84450
UniProt ID:	<u>Q96ME7</u>
Cytogenetics:	2p23.3
Protein Families:	Transcription Factors
MW:	56.4 kDa
Gene Summary:	<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 (4) lacks a portion of the 5' coding region, and initiates translation at an alternate downstream start codon, compared to variant 1. The encoded isoform (c) has a shorter N-terminus, compared to isoform a. Variants 3, 4, and 5 encode the same isoform (c).</p>