

## Product datasheet for **SC329005**

### ZNF540 (NM\_001172226) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF540 (NM_001172226) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF540
Synonyms:	Nbla10512
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001172226, the custom clone sequence may differ by one or more nucleotides

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ATGGCCCATGCATTGGTGACGTTTCAGGGATGTGGCTATAGACTTCTCTCAGAAGGAATGG
GAGTGCCTGGACTACTCCAGAGGAAATGTACAGAGATGTGATGTTGGAGAATTATAAT
AACTTGGTCTCACTGGGTTTGTATCCAGGCATAAGACCAAGAAATATCTTCAGAAAAG
GACATTCATGAAATCAGTTTATCCAAAGAGAGTATAATAGAAAAAAGTAAAACTCTTCGT
CTGAAAGGATCCATTTTTAGAAATGAGTGGCAGAACAAAAGTGAAGTTTGGGGTCAACAG
GGACTTAAAGAAAAGATCTATCAGTCAAAAAGAAAATCGTCTCTAAAAAATGTCAACTGAT
AGAAAACGTCCCTCTTTACTCTGAATCAGAGAATTCACAATAGTGAGAAAAGCTGTGAC
TCACACTTGGTTCAACATGGGAAAATAGATTCTGATGTGAAACATGATTGTAAAGAATGT
GGGAGTACTTTTAAATGTCTATCAGCTTACTCTCCATCAGAAAATTCATACTGGTGAA
AAATCCTGTAATGTGAGAAATGTGGGAAAGTTTTAGTCATAGCTATCAACTTACTCTG
CATCAGAGATTTCACTGGTGAGAAACCTATGAATGTCAAGAATGTGGGAAGACCTTT
ACTCTTTACCCACAACCTAATCGACATCAGAAAATTCACACTGGTAAAAAACCTATATG
TGTAAGAAATGTGATAAGGGTTTTTTAGTAGATTAGAATTACTCAACATAAAAGAATT
CATACTGGTAAGAAATCTTATGAATGTAAGAATGTGGAAAAGTTTTTCAACTATTTTTC
TACTTTAAAGAACATGAGAGAATTCATACAGGTAAGAAACCTATGAATGTAAGGAGTGT
GGGAAAGCTTTTAGTGTATGCGGACAACCTTACCCGTCATCAGAAAATTCATACTGGTGTA
AAACCCTACGAATGTAAGGAATGTGGAAAGACCTTTAGACTTAGTTTTTACCTTACTGAA
CACAGAAGAACTCATGCAGGTAAGAAACCTTATGAATGTAAGGAGTGTGGGAAATCATT
AATGTGCGTGGACAGCTTAAATCGGCATAAAACAATCCATACTGGTATAAAACCTTTTGCA
TGTAAGGTGTGTGAGAAGCCTTTAGTTATAGTGGTGACCTCAGAGTACATTCTAGAATT
CATACTGGAGAGAAACCATATGAATGTAAGGAATGCGGGAAAGCCTTTATGCTTCGTTCA
GTCCTTACTGAACATCAGAGACTTCATACTGGTGTGAAGCCCTACGAATGTAAGGAATGT
GGGAAGACCTTTGAGTTCGTTCTCAAATTAGTCTACATAAGAAAATTCATACTGATGTG
AAGCCCTACAAATGTGTACGATGTGGGAAGACCTTTAGATTTGGTTTCTACCTTACTGAA
CACCAGAGAATTCACACTGGTGAAAAGCCCTATAAATGTAAGAATGTGGAAAGGCCTTT
ATTCGTAGAGGGAATCTTAAAGAACATCTGAAAATTCATTCTGGTTTAAAACCTATGAC
TGTAAGAATGTGGGAAGTCCTTAGTCGGCGTGGGCAGTTCCTGAACATCAGAAAATTC
CATACGGGTGTAAAACCATACAAATGTAAGAATGTGGGAAGGCCTTTAGTCGTAGTGTA
GACCTTAGAATACATCAAAGAATTCATACTGGTGAGAAAACCTATGAGTGTAAACATGT
GGGAAGGCCTTTAGACTTAATTCACACCTTACTGAACATCAGAGAATTCACACTGGTGAG
AAACCCTATGAGTGTAAAGGTATGTAGAAAAGGCCTTTAGACAATATTCACATCTTTATCAA
CATCAGAAAACCTATAATGTAATTTAA

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**Restriction Sites:** Please inquire

**ACCN:** NM\_001172226

**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).

<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>NM_001172226.1, NP_001165697.1</u>
<b>RefSeq Size:</b>	3061 bp
<b>RefSeq ORF:</b>	1887 bp
<b>Locus ID:</b>	163255
<b>UniProt ID:</b>	<u>Q8NDQ6</u>
<b>Cytogenetics:</b>	19q13.12
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	May act as a transcriptional repressor.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) lacks an alternate in-frame exon in the coding region, compared to variant 1. The resulting isoform (b) lacks an internal segment, compared to isoform a.