

## Product datasheet for **SC329043**

### ZNF540 (NM\_001172225) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF540 (NM_001172225) 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\_001172225, the custom clone sequence may differ by one or more nucleotides

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ATGGCCCATGCATTGGTGACGTTCAAGGATGTGGCTATAGACTTCTCTCAGAAGGAATGG
GAGTGCCTGGACACTACCCAGAGGAAATGTACAGAGATGTGATGTTGGAGAATTATAAT
AACTTGGTCTCACTGGGATATTTGGCTCAAAGCCAGATGTGATTACCTTACTGGAGCAA
GGGAAAGAGCCCTGCGTGGTGGCGAGGGATGTGACAGGAAGACAGTGCCCCGGTTTGTTA
TCCAGGCATAAGACCAAGAAATATCTTCAGAAAAGGACATTCATGAAATCAGTTTATCC
AAAGAGAGTATAATAGAAAAAGTAAAACCTCTTGTCTGAAAGGATCCATTTTTAGAAAT
GAGTGGCAGAACAAAAGTGAGTTTGAGGGTCAACAGGGACTTAAAGAAAGATCTATCAGT
CAAAAGAAAATCGTCTCTAAAAAATGTCAACTGATAGAAAACGTCCTCTTTTACTCTG
AATCAGAGAATTCACAATAGTGAGAAAAGCTGTGACTCACACTTGGTTCAACATGGGAAA
ATAGATTCTGATGTAAACATGATTGTAAGAATGTGGGAGTACTTTTAATAATGTCTAT
CAGCTTACTCTCCATCAGAAAATTCATACTGGTAAAAATCCTGTAATGTGAGAAATGT
GGGAAAGTTTTAGTCATAGCTATCAACTTACTCTGCATCAGAGATTTTCACTGGTGAG
AAACCCTATGAATGTCAAGAATGTGGGAAGACCTTACTCTTTACCCACAACCTAATCGA
CATCAGAAAATTCACACTGGTAAAAACCTATATGTGTAAAGAAATGTGATAAGGTTTT
TTTAGTAGATTAGAACTTACTCAACATAAAAGAATTCATACTGGTAAGAAATCTTATGAA
TGTAAGAATGTGGAAAAGTTTTCAACTATTTTCTACTTTAAAGAACATGAGAGAATT
CATACAGGTAAGAAACCTATGAATGTAAGGAGTGTGGGAAAGCTTTTAGTGTATGCGGA
CAACTTACCCGCATCAGAAAATTCATACTGGTGTAAAACCTACGAATGTAAGGAATGT
GGAAAGACCTTTAGACTTAGTTTTACCTTACTGAACACAGAAGAACTCATGCAGGTAAG
AAACCTTATGAATGTAAGGAGTGTGGGAAATCATTTAATGTGCGTGGACAGCTTAATCGG
CATAAAACAATCCATACTGGTATAAAAACCTTTTGCATGTAAGGTGTGAGAAGGCTTTT
AGTTATAGTGGTGACCTCAGAGTACATTCTAGAATTCATACTGGAGAGAAACCATATGAA
TGTAAGGAATGCGGGAAGCCTTTATGCTTCGTTCACTGCTTACTGAACATCAGAGACTT
CATACTGGTGTGAAGCCCTACGAATGTAAGGAATGTGGGAAGACCTTTGAGTTCGTTCT
CAAATTAGTCTACATAAGAAAATTCATACTGATGTGAAGCCCTACAAATGTGTACGATGT
GGGAAGACCTTTAGATTTGGTTTCTACCTTACTGAACACCAGAGAATTCACACTGGTGAA
AAGCCCTATAAATGTAAGAATGTGGAAAGCCTTTATTCGTAGAGGGAATCTTAAAGAA
CATCTGAAAATTCATTCTGGTTTAAAACCTATGACTGTAAGAATGTGGGAAGTCCCTTT
AGTCGGCGTGGGCAGTTCCTGAACATCAGAAAATTCATACGGGTGTAAAACCATACAAA
TGTAAGAATGTGGGAAGCCTTTAGTCGTAGTGTAGACCTTAGAATACATCAAAGAATT
CATACTGGTGTGAGAAACCTATGAGTGTAAACAATGTGGGAAGCCTTTAGACTTAATTCA
CACCTTACTGAACATCAGAGAATTCACACTGGTGTGAGAAACCTATGAGTGTAAAGGTATGT
AGAAAGGCCTTTAGACAAATTCACATCTTTATCAACATCAGAAAACCTCATAATGTAATT
TAA

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**Restriction Sites:** Please inquire

**ACCN:** NM\_001172225

**Insert Size:** 3237 bp

**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.

<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>NM_001172225.1, NP_001165696.1</u>
<b>RefSeq Size:</b>	3237 bp
<b>RefSeq ORF:</b>	3237 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 (1) encodes isoform a. Both variants 1 and 2 encode the same isoform (a), which is longer than isoform b.