

## Product datasheet for **SC329072**

### ZNF185 (NM\_001178108) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF185 (NM_001178108) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF185
Synonyms:	SCCELL
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\_001178108, the custom clone sequence may differ by one or more nucleotides

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ATGAGTATCTCAGCTCTTGGAGGCCGACCAAAGGGAAGCCTCTGCCACCAGGCGAGGAG
GAGCGCAATAACGTTCTCAAGCAGATGAAAGTGCGAACACGCTGAAGGGGGACAAGAGC
TGGATTACCAAGCAGGATGAATCGGAGGGTCGCACCATAGAGCTGCCCTCAGGCCGGAGT
CGCGCCACATCCTTTTCATCAGCTGGGGAGGTTCCGAAGCCTAGGCCTCCGAGCACAAAG
GCTCCCACCTGGCTACATCATCCGGGGAGTGTTCACCAAGCCATAGACAGCTCTTCCCAG
CCCCAGCAGCAGTCCCCAAGGCCAACGGGACTCCAAAAAGTGCTGCCAGTCTGGTGAGA
ACAGCTAACGCTGGTCTCCCCGCCCTCTCCTCTGGCTACAAGATGACCACTGAGGAT
TACAAGAAGCTGGCACCTACAATATCAGGCGCAGCTCTACATCAGGGGACACCGAGGAG
GAGGAGGAGGAGGAGGTGGTCCATTCTCCTCAGATGAACAGAAAACGGAGGTGAGAGGCT
GCAAGCGGTGTTCTGAGGAGGACAGCTCCCCGGGAGCACTCTACGTCTGTGAGCGGCC
AAGAAGAGCACTGGCAGTCTACCCAGGAGACACAGGCACCGTTTATCGGAAGAGGGTG
GAGGTGGTGGAAAGGAGGACGGCCTTCTGAGAAGAGCCAGGACCCACCTGTCTGGCAAGA
TCCACTCTGGCTCAAACAGTGGGATGGAGGCAGGACCAAAGCGTCTCGGGCAATTTGG
ATCGAGTGCCTGCAAGTATGCCTAGCCCCGCTGGGAGCCAGGAGCTCAGCTCAAGAGGT
GAGGAAATTTGCCCTGCAGATCCTGACACCCAGGGCAGGACTCCGCTGGTGGCCCCA
GACGTGGAAGGCATGAGGTCTTCCCCAGGCAACAAGACAAGGAGGCCCTGTCCAGA
GAGCTCCAGAGGGACTTGGCTGGTGGAGGAGGCTTTCAGGGCCCCAACACAGATGCTGCA
AGGTCAAGTGCACAGTTGAGTGTGGCAATGTGGGATCCGGAGCCACGGGCTCCCGGCT
GAAGGCTTGGCTGCAGTAGACATCGGCTCCGAGAGAGGAAGCTCCAGTGCCACTTCAGTC
TCTGCTGTCCCTGCTGATAGGAAGAGCAACAGCACAGCAGCCAGGAGGATGCAAAGGCA
GACCCAAAGGGGCTTGGCTGATTATGAGGGGAAGGATGTGGCCACCAGGGTCGGAGAG
GCCTGGCAGGAGAGGCCTGGAGCTCCAAGAGGTGGCCAAGGAGACCCAGCTGTACCCGCT
CAGCAACCTGCAGATCCCAGCACCCAGAGCGGCAGAGCAGCCCAAGCGGATCTGAGCAA
CTTGTCAGACGAGAGAGTTGTGGCAGCAGCGTGTGACTGATTTTGGGGAAAGGATGTG
GCCACCAAGGTCGGAGAGGCCTGGCAGGACAGGCCTGGAGCCCCAAGAGGTGGCCAAGGA
GACCCAGCTGTACCCACTCAGCAACCTGCAGATCCAGTACCCAGAACAGCAGAACAGC
CCCAGCGATCTGAGCAATTCGTCAGACGAGAGAGCTGCACCAGCAGGGTGGAGGCCCC
TCGAGCTGCATGGTCACTGTTACTGTCACTGCCACATCTGAGCAGCCTCACATTTATATT
CCAGCCCCGCAAGTGAATTGGACTCCAGCTCTACCACCAAGGGATTCTTCTGTGAAG
GAGTACGTGAATGCTAGTGAAGTGTCTTCTGGGAAGCCAGTATCTGCACGCTATAGCAAC
GTCAGCAGCATTGAGGACTCATTGCCATGGAGAAGAAGCCTCCATGTGGCAGCACTCCA
TACTCTGAGAGGACAACCTGGAGGGATCTGTACTTACTGCAACCGTGAGATCCGAGACTGT
CCAAAGATTACCCTAGAACATCTTGGTATCTGCTGCCATGAATATTGCTTTAAGTGTGGG
ATTTGCAGTAAACCGATGGGCGATCTCCTGGATCAGATCTTCATTACCCGTGACACCATT
CACTGTGGGAAATGCTATGAGAAGCTCTCTAG
    
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**Restriction Sites:** Please inquire

**ACCN:** NM\_001178108

**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_001178108.1, NP_001171579.1</u>
<b>RefSeq Size:</b>	4347 bp
<b>RefSeq ORF:</b>	2073 bp
<b>Locus ID:</b>	7739
<b>UniProt ID:</b>	<u>O15231</u>
<b>Cytogenetics:</b>	Xq28
<b>Gene Summary:</b>	<p>Zinc-finger proteins bind nucleic acids and play important roles in various cellular functions, including cell proliferation, differentiation, and apoptosis. This gene encodes a LIM-domain zinc finger protein. The LIM domain is composed of two contiguous zinc finger domains, separated by a two-amino acid residue hydrophobic linker. The LIM domain mediates protein:protein interactions. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.[provided by RefSeq, May 2010]</p> <p>Transcript Variant: This variant (3) has additional 3 nts in one splice site and lacks two consecutive in-frame exons in another splice junction in the CDS, as compared to variant 1. The resulting isoform (3) has additional one aa in one region and lacks an internal segment in another region, as compared to isoform 1.</p>