

## Product datasheet for **SC329045**

### ZNF185 (NM\_001178109) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF185 (NM_001178109) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF185
Synonyms:	SCELL
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\_001178109, the custom clone sequence may differ by one or more nucleotides

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ATGAGTATCTCAGCTCTTGGAGGCCGACCAAAGGGAAGCCTCTGCCACCAGGCGAGGAG
GAGCGCAATAACGTTCTCAAGCAGATGAAAGTGCGAACCACGCTGAAGGGGGACAAGAGC
TGGATTACCAAGCAGGATGAATCGGAGGGTTCGACCATAGAGCTGCCCTCAGGCCGGAGT
CGCGCCACATCCTTTTCATCAGCTGGGGAGGTTCCGAAGCCTAGGCCTCCGAGCACAAAG
GCTCCACTGGCTACATCATCCGGGGAGTGTTCACCAAGCCCATAGACAGCTCTTCCCAG
CCCCAGCAGCAGTTCCCCAAGGCCAACGGGACTCCAAAAAGTGCTGCCAGTCTGGTGAGA
ACAGCTAACGCTGGTCTCCCGCCCTCTCCTCTGGCTACAAGATGACCACTGAGGAT
TACAAGAAGCTGGCACCCTACAATATCAGGCGCAGCTCTACATCAGGGGACACCGAGGAG
GAGGAGGAGGAGGAGGTGGTCCATTCTCCTCAGATGAACAGAAAACGGAGGTGAGAGGCT
GCAAGCGGTGTTCTGAGGAGGACAGCTCCCCGGGAGCACTCTACGTCTGTGAGCGGCC
AAGAAGAGCACTGGTCTACCCAGGAGACACAGGCACCGTTTATCGCGAAGAGGGTGGAG
GTGGTGAAGAGGACGGGCTTCTGAGAAGAGCCAGGACCCACCTGCTCTGGCAAGATCC
ACTCCTGGCTCAAACAGTGCCGATGGAGGCAGGACCAAAGCGTCTCGGGCAATTTGGATC
GAGTGCCTGCCAAGTATGCCTAGCCCCGCTGGGAGCCAGGAGCTCAGGTCTTCCCAGGC
AACAAAGACAAGGAGGCCCTGCTCCAGAGAGCTCCAGAGGGACTTGGCTGGTGAAGGAG
GCTTTCAGGGCCCCAACACAGATGCTGCAAGGTCAAGTGCACAGTTGAGTGATGGCAAT
GTGGGATCCGGAGCCACGGGCTCCCGGCTGAAGGCTTGGCTGCAGTAGACATCGGCTCC
GAGAGAGGAAGCTCCAGTGCCACTTCAGTCTCTGCTGTCCCTGCTGATAGGAAGAGCAAC
AGCACAGCAGCCAGGAGGATGCAAAGGCAGACCCAAAGGGGGCCTTGGCTGATTATGAG
GGGAAGGATGTGGCCACCAGGGTCGGAGAGGCTGGCAGGAGAGGCTGGAGCTCCAAGA
GGTGCCAAAGGAGACCCAGCTGTACCCGCTCAGCAACCTGCAGATCCCAGCACCCAGAG
CGGCAGAGCAGCCAGCGGATCTGAGCAACTTGTGAGCAGAGAGTTGTGGCAGCAGC
GTGTTGACTGATTTTGGGGGAAGGATGTGGCCCAAGGTGGGAGAGGCTGGCAGGAC
AGGCTGGAGCCCCAAGAGGTGGCCAAGGAGACCCAGCTGTACCCACTCAGCAACCTGCA
GATCCCAGTACCCAGAACAGCAGAACAGCCCCAGCGGATCTGAGCAATTCGTCAGACGA
GAGAGTGCACCAGCAGGGTGGAGAGCCCTCGAGCTGCATGGTCACTGTTACTGCACT
GCCACATCTGAGCAGCTCACATTTATATTCCAGCCCCGCAAGTGAATTGGACTCCAGC
TCTACCACCAAAGGATTCTCTTCGTGAAGGAGTACGTGAATGCTAGTGAAGTGTCTTCT
GGGAAGCCAGTATCTGCACGCTATAGCAACGTCAGCAGCATTGAGGACTCATTGCCATG
GAGAAGAAGCCTCCATGTGGCAGCACTCCATACTCTGAGAGGACAACCTGGAGGGATCTGT
ACTTACTGCAACCGTGAGATCCGAGACTGTCAAAGATTACCCTAGAACATCTTGGTATC
TGCTGCCATGAATATTGCTTTAAGTGTGGGATTTGCAGTAAACCGATGGGCGATCTCCTG
GATCAGATCTTCATTCACCGTGACACCATTCACTGTGGGAAATGCTATGAGAAGCTCTTC
TAG
    
```

**Restriction Sites:** Please inquire

**ACCN:** NM\_001178109

**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).

**Reconstitution Method:**

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:** [NM\\_001178109.1](#), [NP\\_001171580.1](#)

**RefSeq Size:** 4257 bp

**RefSeq ORF:** 1983 bp

**Locus ID:** 7739

**UniProt ID:** [O15231](#)

**Cytogenetics:** Xq28

**Gene Summary:** 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]  
Transcript Variant: This variant (5) lacks two in-frame exons in the CDS, as compared to variant 1. The resulting isoform (5) lacks two internal segments, as compared to isoform 1.