

Product datasheet for **SC100209**

ZNF485 (NM_145312) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF485 (NM_145312) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF485
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_145312, the custom clone sequence may differ by one or more nucleotides

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ATGGCCCCAAGAGCCCAGATCCAGGGACCGCTGACATTTGGGGATGTGGCTGTGGCCTTTACCCGGATTG
AGTGGAGACACCTGGATGCTGCTCAGCGGGCCCTGTACAGGGATGTGATGCTGGAGAACTATGGGAATCT
GGTGTCTGTGGGGCTTCTCTCTTCCAAACAAAATAATTACTCAGTTGGAGCAAGGGCAGAGCCCTGG
ACTGAGGTGCGAGAGGCTCCATCAGGCACACATGCAGTCGAGGATTACTGGTTTGAACAAAAGATGTCAG
CCCTAAGCAAAGCACTTCTGAAGCATCTGTTCTGGGAGAGCGAACGAAAAGTGCATGATGGAAAAAGG
CCTGGACTGGGAGGGCAGAAGCTCCACAGAGAAGAATAAAGTGAAGGAATGTGGAAAGTCTTCAA
TACAATTCGTCCTTTATTAGCCACCAGAGAAATCACACCAGTGAGAAACCACATAAATGTAAGAATGTG
GGATCGCCTTTATGAACAGTTCATCCCTTTTAAATCACCATAAGGTTTCATGCAGGCAAACAGCCTTATAG
ATGTATTGAATGTGGAAAGTTCCTGAAGAAGCACTCAACGTTTATCAACCATCAGAGAATTCATTCTAGG
GAGAAACCCACAAAATGCATTGAATGTGGAAAACTTTCAGAAAGAACTCAATCCTTTTAAAGTCATCAGA
GAATTCATACTGGCCAGAAACCTACAAATGTAATGACTGTGGGAAAGCCTTCGCTCAGAAATGCAGCTCT
TACTCGTCATGAAAGAATACATAGTGGAGAGAAGCCTTTTAAATGTAACAAGTGTGGGAGAGCTTTCAGG
GATAATTCAACTGTGTTGGAACATCAGAAAATCCATACTGGTGAAGCCATATCAGTGAATGAATGTG
GAAAAGCCTTTAGGAAGAGCTCAACTCTTATTAGTCACCAAAGAATGCATACTGGGAGAAAACCTATCA
CTGCAGTAAATGTGAAAATCTTTCAGGTATAGCTCATCTTTGCTGGTGCATCAGAAAACCTCACAGTGG
AATAAACCGTATCAGTGTGCTGACTGTGGGAAAGCCTTTACAAAGAGCTCAACCTTACTGGACATCAGA
GAATTCATACTGGAGAAAACCTATCACTGTAAGAAATGTGGGAAAGCCTTTCGGCACAGCTCAGGCC
TGTGTAACATCAGAGACTCCATACTGGGAAAAACCTTATAAATGTAATGAATGTGGAAAGCTTTTCCC
CGAAGTTCAGCCCTTAAGCAACATAAGAAAATTCATAATAAGAAAAGAGCCATGAAATGTAGTTAG
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_145312 unedited
 NGGGGGGTCCACATTTGTATACGACTACTATAGGCGGCCGGAATTCGCACGAGGGTCC
 AGCCTGTCTCCGCGTGGTGCGAGCGCTGCACCAGCCCCTGGCTGGTGGTTACTGTCCGAA
 CGGCGTGGTGTGGTGCCTGACTCTCTGGGCGTGCAGCTCCGCAGCCCTGCCGGCTCGATT
 GACTTACGCAGGATTCTCAGCCCTTGCTGGGAGAACAGTTTCAGGAGACAGATGGCCCCA
 AGAGCCCAGATCCAGGGACCGCTGACATTTGGGGATGTGGCTGTGGCCTTACCCGGATT
 GAGTGGAGACACCTGGATGCTGCTCAGCGGGCCCTGTACAGGGATGTGATGCTGGAGAAC
 TATGGGAATCTGGTGTCTGTGGGCTTCTCTTCCAAAACAAAACAACTAATTACTCAGTTG
 GAGCAAGGGGCAGAGCCCTGGACTGAGGTGCGAGAGGCTCCATCAGGCACACATGCAGTC
 GAGGATTACTGGTTTGAACAAAGATGTGAGCCCTAAAGCAAAGCACTTCTGAAGCATCT
 GTTCTGGGAGAGCGAACGAAAAGTGCATGATGGAAAAAGGCCTGGACTGGGAGGGCAGA
 AGCTCCACAGAGAAGAACTATAAGTCAAGGAATGTGGGAAAGTCTTCAAATACAATTCCG
 TCCTTTATTAGCCACCAGAGAAATCACACCAGTGAGAAACCACATAAATGTAAAGAATGT
 GGGATCGCCTTTATGAACAGTTCATCCCTTTTAAATCACCATAAGGTTTCATGCANGCAA
 CAGCCTTATAGATGTATTGAATGTGGGAAGTTCCTGAAGAGCACTCAACGTTTATCAACC
 ATCAGAGAATTCATTCTAGGNAGAAAACCCACAATGCATTGNNATGTGGAAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_145312 unedited
 AAGCTAGAACC CGCCGATTCTANGATCGATTTTTTCCTTTNTTTTTTTTTTTTTTTTT
 TTTTTNNNGCCGTTAAAATTGGTCTTTATTTGTCCAGGTCTTTTTGAATGCATATAATA
 TAGATTTCTGAAACTTGCTTCTTAAACAGGGTATATTGGGTATATTATCATGGGTATAT
 TTCTACCGGTGGATTTTTTACTTAAAGATGGAGTCTGCCATGTTGCCCAAGCTGGAGT
 GCAATGGCTATTCACATGCACAATCATAGTGCATTACAGACTCAAACCTCTGGCTTAAG
 CAATCCTGTCTCAACCTCCCAAGTAACTGGGACTACAAGCATATGCCCCCATGCCTGGCT
 TTGTACAGTATTTACAGCTCCCCCTCATTCTTTTCAATTAGCACACAGTATGCTATAACT
 ACTTCCATACTGACATACATTTAGTTTCTTCAAATATTTCCCTAGTTGAACCTCCCAATG
 AATATCCTCACAAGTGTGTGTTCTCTCAAAGTACAGAGTATTTCTGGTAAATGCATAA
 TTTATTTAATGCCCCCTATGAGGGTCAAAGGAATAAACTACTCCGCACAATTTGCCA
 CACTAACTACATTTAGGGCCCTTTCTTAAATGAATTTTTCTAAGGTGGTTAAGGGC
 CGAACTTCGGGGAAAAACCTTCCCCATTCCTTACATTTATTAGGTTTTTCCCCGTTTG
 GGGTCTCTGATGGTCAAAGGCCCGGGCTTTTCCCAAAGGCTTCCACATTTTTACAGG
 GAAGGGGTTTCTCCCGTAAATCTCTGTGTCCAATAGGGGTGACCCTTTTGTAAAGG
 CGTCTCCCATCCCCAACCTGAACCCGTTTTTCTCCCTGGGGGTTTTTGGAGGCCCC
 CAAGCGGGAGCTTCAACCCGACAATTTCTCCCTTCCGCGCGGAATGAGGATTCTT

Restriction Sites:

NotI-NotI

ACCN:

NM_145312

Insert Size:

2100 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).

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:	NM_145312.2 , NP_660355.1
RefSeq Size:	2072 bp
RefSeq ORF:	1209 bp
Locus ID:	220992
UniProt ID:	Q8NCK3
Cytogenetics:	10q11.21
Domains:	zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 all encode the same isoform (a).