OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC100988

ZNF285 (NM_152354) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF285 (NM_152354) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF285
Synonyms:	ZNF285A
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for NM_152354, the custom clone sequence may differ by one or more nucleotides

ATGATTAAGTTCCAGGAAAGGGTGACATTCAAGGATGTGGCTGTTGTCTTCACCAAGGAAGAGCTGGCAC
TATTGGATAAAGCCCAGATAAACCTGTACCAAGATGTGATGCTGGAAAACTTCAGGAACCTCATGTTAGT
GAGAGACGGGATTAAAAACAACATTTTGAATCTTCAGGCAAAGGGGTTAAGTTACCTTTCGCAAGAAGTG
CTTCATTGCTGGCAGATTTGGAAACAAAGGATCCGGGATTTAACTGTGAGTCAGGATTATATCGTGAACC
TTCAAGAAGAGTGTTCCCCACATTTAGAAGATGTTTCCCTCAGTGAAGAGTGGGCAGGCATTTCTCTTCA
GATTTCTGAAAATGAAAACTATGTAGTAAATGCCATTATCAAAAATCAAGATATCACAGCATGGCAAAGC
CTGACACAGGTTCTTACCCCAGAATCGTGGAGGAAAGCCAACATAATGACCGAGCCCCAGAACTCTCAGG
GAAGATATAAGGGAATTTACATGGAAGAGAAATTGTACAGACGTGCTCAGCATGATGACAGCCTCAGTTG
GACCTCATGTGATCATCATGAGTCCCAAGAATGTAAAGGAGAGGACCCTGGTAGACATCCCAACTGTGGG
AAAAACTTGGGTATGAAATCAACGGTTGAAAAACGTAATGCGGCCCATGTATTACCACAGCCTTTCCCAT
GTAATAACTGTGGGGTGGCCTTTGCAGATGATACAGATCCTCATGTCCATCACAGCACTCACCTAGGAGA
AAAATCTTATAAATGTGACCAGTATGGAAAGAACTTTAGTCAGAGCCAAGATCTTATCGTTCATTGTAAA
ACTCACTCTGGCAAGACTCCCTATGAATTCCACGAATGGCCTATGGGCTGCAAACAGAGCTCAGACCTTC
CCAGATATCAGAAAGTCTCCTCAGGAGACAAACCCTACAAATGTAAAGAATGTGGCAAGGGCTTCAGGCG
CAGCTCTTCCCTTCACAACCATCATCGAGTCCACACAGGGGAGATGCCCTACAAATGCGATGAATGTGGG
AAAGGGTTTGGATTTAGGTCACTTCTTTGTATTCATCAGGGAGTACACACAGGGAAAAAGCCCTATAAAT
GTGAAGAGTGTGGGAAGGGCTTTGATCAGAGCTCCAACCTTCTTGTCCATCAGAGAGTCCACACTGGAGA
GAAGCCCTACAAATGCAGTGAGTGTGGCAAGTGCTTTAGTTCAAGCTCCGTTCTTCAAGTCCACTGGAGG
TTTCACACAGGGGAGAAACCATATAGGTGTGGTGAGTGTGGAAAGGGCTTCAGCCAATGTACACACCTTC
ACATTCACCAGAGAGTCCACACAGGGGAGAAACCATACAAATGCAATGTGTGTGGAAAGGATTTTGCGTA
TAGCTCTGTTCTTCACACTCATCAGAGAGTTCACACTGGAGAAAAACCATATAAATGTGAAGTGTGTGGA
AAGTGCTTCAGTTACAGTTCATATTTTCACTTACATCAAAGAGATCACATCAGAGAGAAACCATATAAAT
GTGATGAGTGTGGTAAAGGCTTCAGCCGGAATTCAGATCTTAATGTTCACCTCAGAGTCCACACAAGAGA
GAGGCCCTATAAGTGTAAGGCATGTGGTAAGGGCTTCAGTCGTAATTCATACCTCCTTGCCCATCAGAGA
GTGCATATAGATGAGACACAGTACACACATTGTGAGCGTGGAAAGGACCTTCTGACTCATCAAAGACTAC
ATGAGCAGAGAGAAACATTATAA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_152354 unedited
TACATTTGTATACGACNACTATAGGCGGCCGCGAAATTCGCACGAGGCCGGGATTTAACT
GTGAGTCAGGATTATATCGTGAACCTTCAAGAAGAGTGTTCCCCACATTTAGAAGATGTT
TCCCTCAGTGAAGAGTGGGCAGGCATTTCTCTTCAGATTTCTGAAAATGAAAACTATGTA
GTAAATGCCATTATCAAAAATCAAGATATCACAGCATGGCAAAGCCTGACACAGGTTCTT
ACCCCAGAATCGTGGAGGAAAGCCAACATAATGACCGAGCCCCAGAACTCTCAGGGAAGA
TATAAGGGAATTTACATGGAAGAGAAATTGTACAGACGTGCTCAGCATGATGACAGCCTC
AGTTGGACCTCATGTGATCATCATGAGTCCCAAGAATGTAAAGGAGAGGACCCTGGTAGA
CATCCCAGCTGTGGGAAAAACTTGGGTATGAAATCAACGGTTGAAAAACGTAATGCGGCC
CATGTATTACCACAGCCTTTCCCATGTAATAACTGTGGGGTGGCCTTTGCAGATGATACA
GATCCTCATGTCCATCACAGCACTCACCTAGGAGAAAAATCTTATAAATGTGACCAGTAT
GGAAAGAACTTTAGTCAGAGCCAAGATCTTATCGTTCATTGTAAAACTCACTCTGGCAAG
ACTCCCTATGAATTCCACGAATGGCCTATGGGCTGCAAACAGAGCTCAGACCTTCCCAGA
TATCAGAAAGTCTCCTCAGGAGACAAACCCTACAAATGTAAAGAATGTGGCAAGGGCTTC
AGGCGCAGCTCTTCCCTTCACACCATCATCGAGTCCCACAGGGGAGATGCCCTACAATGC
GATGATGTGGAAANGGGNTNGATTTAGTCACTTCTTGTATCATCNGGAGTCACCAGGNAA
AAGCCTTNATGTGAGAGTGGGAAGGNCTTGACAGACTCAACTCTGTCTCAGCCTGAGCTC
ACGGAGTTACTACGACATAGCC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_152354 unedited
NAAATCGCTNTGNACCGCGGCCCGCTTNCTANGATCGAGTTTTTTTTTTTTTTTTTTTTG
TGGTGAGGACACAATGAACTTTTATTTCTTACTCTAAAAAGAATCCAACACAGATGAAGT
AGTGACCTTCTATCAACCCAGTCTGGAATAAGCAGCCTCCAAGGTCACCTTGGCAGGGAT
AGAGAAGCCTGAGGATGTTTGTAAAGGCTAGACCTGAAAGTGGCTTATATCACTTTTGCT
CACACTCCATTGGCTAGAACTCAATCACATGGGCACACTCTTAACTGCAAGGGTTACTGG
GAAATAGACTTCTTATTTGCAAGGAAATGGAACCAGTGTGATAAACACAGCACTGCCTCT
GCCACACCCTTCAAATGCCACTTCTATGGAGCTTCTTGCCTGTGTAGAGAATCTCATGGA
AAACCTGGGTACTAACGTTCTTTCATAGTAAGAGCATGGGTTTCATTTTTGAGCACACTT
TTGAATGTTCTTCATACAGAGAGTATTTTTCTACTGGGGACTAAAAAAAAAATCTAAAGAC
GTTGGCTGAACTGAAGACCTTACCATGATCATCCCAATTAGAATTTCCTTCCTGGACACA
CCCTTTAATGGAAATTTGACCACTAACTACAACCACTACCACAAACCACCCATTTGTCAA
AAGTAACCTCTTTGCCATTGTAGCATACAGCAGTTGATGGGAGCTTCACAGAAGTTCTTG
AAATCCACAGTCCTTGCCTGGCACACTTCAGTGCTGCAGGCTGACATTATCGATGGCAGT
GTCCCTGTCTTTTGCTCCCCTAGCCCTCCCACAGCTGAGTAAGCCTCTATCATCTGGAAT
ACAGTGTGGCTTCTGTTTTACTAATTGACCCCTGACTATACATTTATAATGTTTCTCTCT
GCTCATGTAGTCCTTG

Restriction Sites: NotI-NotI

ACCN: NM_152354

Insert Size: 2500 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:
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_152354.1, NP_689567.1

RefSeq Size: 2703 bp

RefSeq ORF: 2703 bp

Locus ID: 26974

UniProt ID: Q96NJ3

Cytogenetics: 19q13.31

Domains: zf-C2H2

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. The encoded isoform (b) is shorter than isoform 1. Variants 2 and 3 encode the same isoform (b).