

Product datasheet for **SC320416**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_145312.2
 CCTGTCTCCGCGTGGTGCAGCGCTGCACCAGCCCTGGCTGGTGGTACTGTCCGAACG
 GCGTGGTGTGGTGCCTGACTCTCTGGGCGTGCAGCTCCGACGCCCTGCCGGCTCGTTCCG
 GTTCGTGAGCGGGCCGGATTGACTTACGCAGGATTCTCAGCCCTTGCTGGGAGAACAGT
 TCAGGAGACAGATGGCCCCAAGAGCCAGATCCAGGGACCGTGACATTTGGGGATGTG
 GCTGTGGCCTTTACCCGGATTGAGTGGAGACACCTGGATGCTGCTCAGCGGGCCCTGTAC
 AGGGATGTGATGCTGGAGAATAATGGGAATCTGGTGTCTGTGGGCTTCTCTCTCCAAA
 CCAAAACTAATTACTCAGTTGGAGCAAGGGCAGAGCCCTGGACTGAGGTGCGAGAGGCT
 CCATCAGGCACACATGCAGTCGAGGATTACTGGTTTAAAACAAAGATGTACGCCCTAAAG
 CAAAGCACTTCTGAAGCATCCGTTCTGGGAGAGCGAACGAAAAGTGCATGATGGAAAAA
 GGCCTGGACTGGGAGGGCAGAAGCTCCACAGAGAAGAACTATAAGTGAAGGAATGTGGG
 AAAGTCTTCAAATACAATTCGCTCTTTATTAGCCACCAGAGAAATCACACCAGTGAGAAA
 CCACATAAATGTAAGAATGTGGGATCGCCTTTATGAACAGTTCATCCCTTTAAATCAC
 CATAAGGTTTCATGCAGGCAAACAGCCTTATAGATGTATTGAATGTGGGAAGTTCCTGAAG
 AAGCACTCAACGTTTATCAACCATCAGAGAATTCATTCTAGGGAGAAACCCACAATGC
 ATTGAATGTGGAAAACTTTAGAAAGAACTCAATCCTTTAAGTCATCAGAGAATTCAT
 ACTGGCCAGAAACCTTACAAATGTAATGACTGTGGGAAAGCCTTCGCTCAGAATGCAGCT
 CTTACTCGTCATGAAAGAATACATAGTGGAGAGAAGCCTTTTAAATGTAACAAGTGTGGG
 AGAGCTTTCAGGGATAATTCAACTGTGTTGGAACATCAGAAAAATCCATACTGGTGAAG
 CCATATCAGTGTAAATGAATGTGGAAAAGCCTTTAGGAAGAGCTCAACTCTTATTAGTAC
 CAAAGAATGCATACTGGGAGAAAACCTATCACTGCAGTAAATGTGGAAAATCTTTCAGG
 TATAGCTCATCTTTGCTGGTTCATCAGAAAACCTCACAGTGGAAAATAAACCGTATCAGTGT
 CGTGACTGTGGGAAAGCCTTTACAAAGAGCTCAACCTTACTGGACATCAGAGAATTCAT
 ACTGGAGAAAAACCTATCACTGTAAGAAATGTGGGAAAGCCTTTCGGCACAGCTCAGGC
 CTGTGTAACATCAGAGACTCCATACTGGGAAAAACCTTATAAATGTAATGAATGTGGG
 AAAGCTTTTCCCGAAGTTCAGCCCTTAAAGCAACATAAGAAAAATTCATAATAAAGAAAGA
 GCCATGAAATGTAGTTAGTGTGGCAAAATGTGCAGAGTAGTTTATTCCTTCTGACCATCA
 TAGAGGAGACATTAATAAATTATGCATTTAACAGAAATACTCTGTACTTCTGAGAGAAC
 ACATCACTTGTGAGGATATTCATTGTGAGGTTCTACTAGTAAATATTTGAAGAACTAA
 ATGTATGTAGTATGGAAGTACTTATAGCATACTGTGTGTAATTGAAAAGAATGAGGTG
 GAGCTGTAATACTGTACAAAGCCAGGCATGGTGGCATATGCCTGTAGTCCCAGTACTT
 GGGAGGCTGAGACAGGATTGCTTAAGCCAGGAGTTTGAGTCTGTAATGCACTATGATTG
 TGCATGTGAATAGCCACTGCACTCCAGCCTGGGCAACATAGCAAGACTCCATCTCTAAGT
 AAAAAATACAACAGTAGAAGTATACCCATGATAATATACCCAATATACCTTGTAAAG
 AAGCAAGTTTCAGGAAATCTATATTATATGCATTCAAAAAGACCTGGACAAATAAAGACC
 AATCTTAACAGCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_145312

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_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).