

Product datasheet for **SC111913**

ZNF585A (NM_152655) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF585A (NM_152655) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF585A
Synonyms:	Zfp27
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC111913 sequence for NM_152655 edited (data generated by NextGen Sequencing)

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ATGCTGGAGACCTACAGCCACCTGCTCTCAGTAGGATATCAAGTTCCTGAAGCAGAGGTG
GTCATGTTGGAGCAAGGAAAGGAACCATGGGCACTGCAGGGTGAGAGGCCACGTGAGAGC
TGCCCAGGAGAGAAATATGGGACCATAATCAATGTAGAAAAATCCTCAGTTATAAACAA
GTATCCTCTCAACCTCAAAAAATGTATCCTGGGGAGAAAGCTTATGAATGCGCCAAATTT
GAAAAGATATTACCCAGAAAGTCACAGCTCAAAGTACACCTGAAAGTTCTTGAGGAGAA
AAGCTCTATGTATGCATTGAATGTGGGAAGGCTTTTGTACAGAAGCCAGAATTTATTATA
CACCAGAAAACCCATATGAGAGAGAAACCTTTAAATGCAATGAATGTGGAAAATCCTTT
TTTCAAGTGTCGTCCTCTTCAGGCATCAGAGAATTCATACCGGAGAGAACTCTATGAA
TGCAGCCAGTGTGGGAAGGCTTCTCTTATAACTCAGATCTCAGTATACATGAGAAAATT
CATACTGGAGAGAGACCATGAATGCACTGACTGTGGCAAAGCATTACACAAAAGTCC
ACACTCAAGATGCATCAGAAAATCCATACAGGCGAGAGATCTACATCTGTATTGAATGC
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AAACCATATGAGTGCAGTAAGTGTGGCAAATCCTTCATTTCCAAGTCACAACTTCAGGTA
CATCAACGTGTTACACAAAGAGTGAAGCCCTATATATGTACCGAATATGGGAAGGCTTTC
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CATAAACGAATTCACACAGGAGAAAAAGCCCTATATGTGCAATAAATGTGGGAAGGCATT
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CACCTCAATATACATCAGAAAATTCACACTGGAGAGAGACAGTATGAATGCCACGAATGT
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CATACCGGAGAAAAGCCCTACATTTGTTCTGAATGTGGGAAGACCTTTCGACAGAAGTCA
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GGGAAGTCTTCACTAAAAATCAGAGTCCAAGTGCATCAGCGAATTCACACTGGAGAG
AAGCCTTACGTGTGTGCTGAGTGTGGGAAGGCTTTACTGACAGGTCCAATTTGAATAAA
CATCAGACAACACACTGGAGACAAACCTACAAGTGTGGCATCTGTGGGAAGGCTTC
GTTCAGAAATCAGTGTTACAGCTCCATCAGAGCAGCCACGCTTGA

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Clone variation with respect to NM_152655.2
 1714 g=>a;1719 c=>t

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_152655 unedited
 GCAGCATTAGTAACACGATTCACTATAGGGCGGCCGNAATTCGCACGAGGTTTTTCATA
 TTCCAATACCGATAAATCTTTGAGGTTTCTGGGTGTCTCTGGGGAGCCCCCTGGGCCAGAT
 TTTCTCTAGACTCCAGCCCATCTCTCAGAGCAGCTCTGCTTGAGTTCACAGATGACTG
 CCAAGCTTCAGACACCCTACAGAAAAAGTTGAGACCCAGTGTGGCCATGCCAGCTAATT
 GGACCTCACCTCAGAAATCCTCAGCCCTGGCTCCAGAGGATCATGGCAGCTCCTATGAGT
 GTTAACCTTGATGCCTGAAAGAACTGGAATTATGAAGATAGATTCAAGTCAAATATG
 TTAACCTAAGCTGATTGAAGAGTAGAAGAAAAACAATAGCCTAGGATCAGTGTCTTCAGGG
 ATGTGGCTATCGATTTACGACAGAGAGGAATGGCGCACCTGGACCTTCTCAGAGAAACC
 TGTACCGGGATGTGATGCTGGAGACCTACAGCCACCTGCTCTCAGTAGGATATCAAGTTT
 CTGAAGCAGAGGTGGTCATGTTTGAGCAAGGAAAGGAAACATGGGCACTGCAGGGTGAGA
 GGCCACGTGAGAGCTGCCAGGAGAGAAATTATGGGACCATTATCAATGTAGAAAAAATC
 CTCAGTTATAACAAGTATCCTCCTCACCTCAAAAAATGTATCCTTGGGGAGGAAAGCTT
 ATGTCTGCCGCAAAATTTGAAAGATATTTACCCAGAAGTACACGCTCAAAGTCCACC
 CGGAAAGTCTTTCACAGAGAAAAAGCTCTATGTATGCATTGAATGTGGGGAAGCCTTTTG
 TACACAAGCCCCAATTTATTATCCCCCAAAACCCCTATGAGAAGAGAAACCTTTTAA
 TGCCAAGAAATGTGGAATCCCTTTTTNCAATGGTCGTCCTCTTCAGGCCCTCAAAAA
 TCATTANCGGGAAGAACTCTTGAATGCCACCGTGGGAAAAAGT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_152655 unedited
 AANAAAGCACTGGGNGAGGTCACAGGGCATGCCACCCGGTTCTGTTTCAGGAAACAGCT
 ATGACCGCGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGAGCATCTCTTTC
 TTGATAGAAATACTGAATGAGGGTTGGATATGACCAACTGTGGTAGATTCCAATGAAAAA
 GAAAAACCCAGGAGTCTGTTACACAATGTGTTCCACAACGAACAACCTCACATAACTTA
 GGATTCATCACTATCAAAATAACTACGTATTATGTTGTTTTATCATTCAATTTGTTGGCG
 CTATACCTAATCCACAGTAAACAGGATTATCGTAACTTAATACGATCTTTCTTAGGAAG
 AATTTGGTAACAGTATTCTATTGTAGTTTTCATGAGAAGGCTTTTCTATTACCAAAT
 GACTCGGTTCTTGTCAGTATGAATAATGACCAAGGTTTACTGGGGATGGTGACAATGT
 AGGAAGGGTCCCTCGCCTCATTAGTGCCTTCTCAGAGGCCCTTCCAGAACAGCCATGT
 GTGACATTCTGCTGTGGTCATTTCTATTACAATAATATACATATTTTCTGCTGCATGC
 GTGCAACAGTGTACAATCAGACCCAACCTCAGGGGGGTTTTCTCACACTGTTTCTCTC
 AAGCGTGGCTGCTCTGATGGACGCTGAACACTGATTTCTGAACGAAGCCTTTCCACAGA
 TGCCACATTGTAAGGGTTTGTCTCCAGTGTGTGTGCTGATGTTTATTCAATTGGACCT
 GTCAGTAAAGGCCTTCCCCACTCAGCAACACGTAAGGCTTCTCTCCAGTGTGAATTCGCT
 GATGCACTTGGAGCTGGGATTTTTTAGC

Restriction Sites:

NotI-NotI

ACCN:

NM_152655

Insert Size:

3000 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:	<u>NM_152655.2, NP_689868.1</u>
RefSeq Size:	4144 bp
RefSeq ORF:	2145 bp
Locus ID:	199704
UniProt ID:	<u>Q6P3V2</u>
Cytogenetics:	19q13.12
Domains:	zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) has an additional exon in the 5' region, which results in translation initiation at a downstream AUG, compared to variant 3. The resulting isoform (a) has a shorter N-terminus, compared to isoform b. Both variants 1 and 2 encode the same isoform a.