

Product datasheet for **SC307207**

ZNF546 (NM_178544) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF546 (NM_178544) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF546
Synonyms:	ZNF49
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_178544 edited

```

GTTATTATTCACCTTGCGGGCGAGAAGTCCGAGCTAGGGATCCTGAAAAGGAGGGAACAAT
TGTTGTAGCAGGTCTAAAAGTTCAGGTCCAGGAAATGAAACATTGCTTTGCTTTTCCTG
AATTGTCCAGTGACCTATCCCAGGCCTTCCTTTCCAGTGAACAATGGACCATGCAGGTGG
ACCCTCCTCTTCACGGGCCTCCAAATGACTTTCTCATTTTTCAAATCATTCTCTGCACT
CACTTTCTATAATGCCCGGTTTCTCTGGATTCTGTGCTTCTCCATGGAGGAACTCAAG
GAGAACTGACAAGTTCTTGTTCTAAAACCATGGCCATGTATCTTTGGCATTTAGGG
ATGTGTCCATAGACCTCTCCAAGAGGAGTGGGAGTGCCTGGACGCTGTGCAGAGGGACT
TGTACAAGGATGTGATGTTGGAGAACTACAGCAACCTGGTCTCACTGGGATATACCATT
CTAAGCCAGATGTGATTACTTTATTGGAGCAAGAGAAAGGCCCTGGATAGTAATGAGGG
AAGGGACAAGGAATTGGTTCACAGATTTGGAATACAAGTATATTACCAAGAATTTGCTTT
CAGAAAAGAATGTTTGCAAAATCTATTTATCTCAATTGCAGACAGGGGAAAAAAGTAAAA
ACACCATCCATGAGGACACCATTTTCAGAAATGTTTTGCAGTGTAAACATGAATTTGAGA
GACAAGAGAGACATCAGATGGGATGCGTTAGTCAAATGCTAATCCAAAAACGAATATCTC
ATCCTCTACATCCAAAAATTCATGCTAGAGAGAAATC: :ATATGAATGTAAGGAATGT: A
GAAAGGCCTTTAGACAACAGTCATACCTTATTCAACATCTGAGAATTCACACTGGTGAGA
GACCCTATAAATGTATGGAATGTGGAAAGGCCTTTTGTGAGTGGGAGACCTTAGAGTAC
ATCACACAATCCATGCTGGGAGAGACCCTATGAATGTAAAGAATGTGGGAAGGCCTTTA
GACTTCATTATCACCTTACTGAACATCAGAGAATACATTCTGGTGTGAAACCTACGAGT
GTAAGGAATGTGGAAAGCCTTTAGTCGTGTTAGAGACCTTAGAGTACATCAGACAATTC
ATGCTGGAGAGAGACCTTATGAATGTAAAGAATGTGGGAAGGCCTTTAGACTTCATTATC
AACTAACTGAACATCAAAGAATTCATACTGGTGAGAGGCCTTATGAATGTAAGGTTTGTG
GCAAGACCTTTAGGGTACAACGACATATTAGTCAACATCAGAAAATTCATACTGGTGTC
AACCCTATAAATGTAATGAATGTGGGAAGGCCTTTAGTCATGGCTCATACCTTGTTCAC
ATCAGAAAATTCATACTGGTGAAAAACCTACGAATGTAAAGAATGTGGTAAGTCCTTTA
GTTTTTCATGCAGAACTTGCTCGACACCGTAGAATTCATACTGGTGAGAAACCTATGAAT
GTAGAGAATGTGGAAAGCCTTTCTGCTCTCAAACGGAACCTACTCGGCATCATAGAATC
  
```


[View online »](#)

ATACTGGTGAGAAACCTATGAATGTAAGGAATGTGGGAAGGCCTTTATTTGTGGTTATC
 AACTTACTTTACATCTGAGAAGTACACCGGTGAGATTCCCTATGAATGTAAGGAATGTG
 GAAAAACCTTCAGTAGTCGCTATCATCTCACTCAACACTACAGAATTCATACTGGTGAGA
 AACCTACATATGTAACGAATGTGGAAAAGCCTTTTCGTCTTCAAGGAGAACTTACCCGAC
 ATCAGAGAATTCATACATGTGAGAAAACCTATGAATGTAAGGAATGTGGGAAGGCTTTTA
 TTCATAGCAATCAATTTATTTACACCAGCGAATTCACACCAGTGAGAGCACCTACATAT
 GTAAAGAATGTGGGAAGATTTTTAGTCGTCGCTATAATCTTACTCAACATTTTAAATTC
 ATACTGGTGAAAAACCTACATATGTAATGAATGTGGAAAAGCCTTTTCGATTTCAAACAG
 AACTTACTCAGCATCACAGAATTCATACTGGTGAAAAACCTATAAATGTACGGAATGTG
 GGAAGGCCTTTATTCGTAGCACTCATCTCACGCAACATCACAGAATTCATACTGGTGAGA
 AACCTACGAATGTACGGAATGTGGGAAGACGTTTTCGTGGCACTATCATCTTACTCAAC
 ATCAGAGAGGCCATACTGGTGAGAAGCCCTACATATGTAATGAATGTGGGAATGCTTTTA
 TTTGCAGTTATCGACTTACATTACATCAAAGAATTCACACTGGTGAGCTTCCATATGAAT
 GTAAGGAATGTGGAAAAGCCTTTAGTCGTCGGTATCATCTTACTCAACATTTTAGACTTC
 ATACTGGTGAGAAAACCTTATAGCTGTAAGAATGTGGGAATGCCTTTTCGTCTTCAAGCAG
 AACTTACTCGACATCACATAGTTACACACGGGTGAGAAAACCTATAAATGTAAAGAATGTG
 GGAAAAGCCTTCAGTGTTAATTCAGAACTTACTCGACATCACAGAATTCATACTGGTGAAA
 AACCTATCAATGTAAAGAATGTGGAAAAGCCTTTATTCGTAGTGATCAACTTACTTTAC
 ATCAGAGAAAATCATATTAGTGAGGAAGTCCATGCATAATGTAAGAGAAATACGATGGCC
 TTTAGAAAATGCCCTTTAGCAGAGAATTTGTAATTTAAGAAATTTTCTGTTTGTACGGA
 ACATGTGGGAATCCCTTTTACTTCATGCTCACAATTTATCAGAAATTTTTCGTATGTTA
 AAGAGTCGAAAGACTATAGCATCACTCAGTCCCTGTTAGACTTTAGAAGATTGATACTGA
 TGCATGCATCCCAAACCATCAGGGCCTTTTCCCTACAACTGTTGTTGAACAGTGCTT
 CTCTAAATGCAATAATATGGGCCAGGTGAAGTGGCTCACACCTGTAATCCCAGCACTG
 TGGAAAGACAGGAGTTTCAAACAGCCTGGGCAACATAGTGAGACCTGCCTCATGGCTT
 TAGTGAGCCATGATTGTGCCACTGCACTCCAGCTTGGTGACAGAGTGAGATCCTGTCTCT
 AAATAAATAAATAAATGCGGGCCAGGCACAGTGGCTCACACCTGTAATCCCAGCACTAT
 GGGAGGCCAGGTGAGCAGATCACCTGAGGTGAGGAGTTCAAGACCAGCCTGGCCAACT
 GGTGAAACCCCTTCTCTACTAAAATACACAAATTAGCTAGGCATTGTGGGGGTGCCTGT
 AATCCCAGCTACTCAGGAGGCTGAGGCAGGAAAATTGCATGAACCTAAGTGGCAGAGGTT
 GCAGTGAGCTGAGATCGACCACTGCACTCTAGCTTGGGCAACAGAGCAAGACTCTGTCT
 CTTAAATAAATAAATAAATAGATTACCAGAAAAATGAAAAGAAAAAACAGACATACAAA
 ATAAAAGCCCCAGTTTTTTATTATGGTATTTAACTGAGTTAACTCTGTCAGATTGCTGCA
 AACATTTCTAAATACTTGCTCTTGGTATCTATACTTTTGAGAGACCAGAAGCAAAACAA
 TTTGTGGGCCAGGTGTAACACATGGACCACACTTTATATAGCACTGTAACGGAAAATGAT
 TCTGTTAATGTAATGAACATGGGAAAGACCAGCCTTGGCCTATCTTTATGATATATATA
 ATAATATAATTTCTATAATTCACCTCTGCCTATGTGGTGTGGGCAAAACATGCCCTGT
 TGCCTTGGTTTTTAAATGGTAATAACAGTACCACCTAATAGTATTTTGTGAGGATGAA
 ATGCTAATAAAAGATAAAACCTTTAAAGAGTATTTGGCACACAGCATTTTATCAATAAA
 TATTGCTTTATTTTTTTCATTGGGGATACATTTAGTACATTCATGTGAGAGGAAGGCCCT
 GTGGGTGTAAGAAATTTGTAATACTGTCCATTACCTTTCACTCCTTATTTAGATTGGAA
 TAATTAAGTGGAGATAATATCCAGTAAATAGATTAACTTCCATTTATAAAGTCAGAAC
 CTATCTCTGAAAATTAATGTGAGAAAGAAATCTCTAGATTTGATGGGTGTGAAGATTATG
 AGAGTAAAGTTTTGAAGACTCAGGGATAGCTGTAATGCTTTTTTCTTTTATAACCCAAA
 AAGCAGGTATGTCAGTCGCTTTTTCTGCCACAATGATAAATTAACAGCCACTATCC
 ATTTGAAAACTTAAAGAATAATGAACAGTTATGTTCTATCTAGATTGAGCAATTGTTA
 ATATGTTGTACATTTGGTTTGCTTATACATAATTTTACATATTTTGTGTAGTATTTG
 AGTATAAATTGCAGATACTATAACACATCACATCTAAGAATAAAGGCTGCCTCCTACTTA
 ATTGCTATATAACAATTGTCCAACCTGTCTGTGCCCCAGGGCAGCTTTGAATGCAGTCCA
 ACAGAAATTAACAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAA
 AAAAAA

Restriction Sites:	Please inquire
ACCN:	NM_178544
Insert Size:	4600 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to contain one SNP compared with NM_178544.2.
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_178544.2, NP_848639.1</u>
RefSeq Size:	4566 bp
RefSeq ORF:	2511 bp
Locus ID:	339327
UniProt ID:	<u>Q86UE3</u>
Cytogenetics:	19q13.2
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.