

## Product datasheet for **SC337506**

### **ZNF546 (NM\_001297763) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	ZNF546 (NM_001297763) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF546
Synonyms:	ZNF49
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001297763, the custom clone sequence may differ by one or more nucleotides

```

ATGCAGCCCCGGTTTCTCTGGATTCTGTGCTTCTCCATGGAGGAACTCAAGGAGAACTGACAAGTTCTT
GTGGTTCTAAAACCATGGCCAATGTATCTTTGGCATTAGGGATGTGCCATAGACCTCTCCCAAGAGGA
GTGGGAGTGCCTGGACGCTGTGCAGAGGGACTTGACAAGGATGTGATGTTGGAGAACTACAGCAACCTG
GTCTCACTGGGATATACCATTCCCTAAGCCAGATGTGATTACTTTATTGGAGCAAGAGAAAGGCCCTGGA
TAGTAATGAGGGAAGGGACAAGGAATTGGTTCACAGATTGGAATACAAGTATATTACCAAGAATTGCT
TTCAGAAAAGAATGTTTGCAAAATCTATTTATCTCAATTGCAGACAGGGGAAAAAAGTAAAAACACCATC
CATGAGGACACCATTTTCAGAAATGGTTTGCAGTGTAAACATGAATTTGAGAGACAAGAGAGACATCAGA
TGGGATGCGTTAGTCAAATGCTAATCCAAAAACAAATATCTCATCCTCTACATCCAAAAATTCATGCTAG
AGAGAAATCATATGAATGTAAGGAATGTAGAAAGGCCCTTAGACAACAGTCATACCTTATTCAACATCTG
AGAATTCACACTGGTGGAGAGACCTATAAATGTATGGAATGTGGAAGGCCCTTTTGTGAGTGGGAGACC
TTAGAGTACATCACACAATCCATGCTGGGAGAGACCTATGAATGTAAGAATGTGGGAAGGCCCTTAG
ACTTCATTATCACCTTACTGAACATCAGAGAATACATTCTGGTGTGAAACCTACAGTGTAAAGGAATGT
GGGAAAGCCTTTAGTCGTGTTAGAGACCTTAGAGTACATCAGACAATTATGCTGGAGAGAGACCTTATG
AATGTAAGAATGTGGGAAGGCCCTTAGACTTCATTATCAACTAACTGAACATCAAAGAATTCATACTGG
TGAGAGGCCTTATGAATGTAAGGTTTGTGGCAAGACCTTAGGGTACAACGACATATTAGTCAACATCAG
AAAATTCATACTGGTGTCAAACCTATAAATGTAATGAATGTGGGAAGGCCCTTAGTTCATGGCTCATACC
TTGTTCAACATCAGAAAATTCATACTGGTGAACCACTACGAATGTAAGAATGTGGTAAGTCCCTTAG
TTTTATGCAGAACTTGTCTGACATCGTAGAATTCATACTGGTGAACCACTATGAATGTAGAGAATGT
GGAAAAGCCTTTTCGTCTTCAAACGGAACCTTACTCGGCATCAGAACTCATACTGGTGAACCACTATG
AATGTAAGGAATGTGGGAAGGCCCTTATTTGTGGTTATCAACTTACTTTACATCTGAGAACTCACACCGG
TGAGATTCCCTATGAATGTAAGGAATGTGGAAAACCTTCAGTAGTCGCTATCATCTCACTCAACACTAC
AGAATTCATACTGGTGAACCACTACATATGTAAAGGAATGTGGAAAAGCCTTTTCGTCTTCAAGGAGAAC
TTACCCGACATCAGAGAATTCATACATGTGAGAAACCTATGAATGTAAGGAATGTGGGAAGGCCCTTAT
TCATAGCAATCAATTTATTTACACCAGCGAATTCACACCAGTGAGAGCACCTACATATGTAAGAATGT
GGGAAGATTTTGTGCTCGCTATAATCTTACTCAACATTTTAAATTCATACTGGTGAACCACTTACA
TATGTAATGAATGTGGGAAGCCTTTTCGATTTCAAACAGAACTTACTCAGCATCAGAGAATTCATACTGG
TGAAAACCTTATAAATGTACAGAATGTGGGAAGGCCCTTATTCGTAGCACTCATCTCAGCAACATCAC
AGAATTCATACTGGTGAACCACTACGAATGTACGGAATGTGGGAAGACGTTTGTGCGCACTATCATC
TACTCAACATCAGAGGCCATACTGGTGAAGGCCCTACATATGTAATGAATGTGGGAATGCTTTTAT
TTGCAGTTATCGACTTACATTACATCAAAGAATTCACACTGGTGAAGCTTCCATATGAATGTAAGGAATGT
GGAAAGACCTTTAGTCGTGGTATCATCTTACTCAACATTTTAGACTTCATACTGGTGAACCACTTATA
GCTGTAAGAATGTGGGAATGCCTTTTCGTCTTCAAGCAGAACTTACTCGACATCAGATTCACACGGG
TGAGAAACCTTATAAATGTAAGAATGTGGGAAGGCCCTTCAAGTGTAAATTCAGAACTTACTCGACATCAC
AGAATTCATACTGGTGAACCACTATCAATGTAAGAATGTGGAAAAGCCTTTATTCGTAGTGATCAAC
TTACTTTACATCAGAGAAATCATATTAGTGAGGAAGTCCTATGCATAATGTA
  
```

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001297763

**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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u>NM_001297763.1, NP_001284692.1</u>
<b>RefSeq Size:</b>	7958 bp
<b>RefSeq ORF:</b>	2433 bp
<b>Locus ID:</b>	339327
<b>UniProt ID:</b>	<u>Q86UE3</u>
<b>Cytogenetics:</b>	19q13.2
<b>Gene Summary:</b>	<p>May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice in the 5' coding region, compared to variant 1. It encodes isoform 2, which is shorter than 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.</p>