

## Product datasheet for **SC200276**

### IRS4 (NM\_003604) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** IRS4 (NM\_003604) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** IRS4  
**Synonyms:** CHNG9; IRS-4; PY160  
**ACCN:** NM\_003604  
**Insert Size:** 104 bp  
**Insert Sequence:** >SC200276 3'UTR clone of NM\_003604  
The sequence shown below is from the reference sequence of NM\_003604. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
CAGTTCGACTCTCCAAAAGAGGTCGGTAAATTTAGAAATTAATTTCCCTAAAGTGAATGGTCATTGTCT  
AATGATTTCGATGCGCTACAGTCTACAGTGTAGGG  
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA  
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_003604.2](#)

**Summary:** IRS4 encodes the insulin receptor substrate 4, a cytoplasmic protein that contains many potential tyrosine and serine/threonine phosphorylation sites. Tyrosine-phosphorylated IRS4 protein has been shown to associate with cytoplasmic signalling molecules that contain SH2 domains. The IRS4 protein is phosphorylated by the insulin receptor tyrosine kinase upon receptor stimulation.. [provided by RefSeq, Jul 2008]



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Locus ID: 8471

MW: 4