

## Product datasheet for **SC206890**

### QPCT (NM\_012413) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones

**Symbol:** QPCT

**Synonyms:** GCT; QC; sQC

**Mammalian Cell** Neomycin

**Selection:**

**Vector:** pMirTarget (PSI00062)

**ACCN:** NM\_012413

**Insert Size:** 525 bp

**Insert Sequence:** >SC206890 3'UTR clone of NM\_012413  
The sequence shown below is from the reference sequence of NM\_012413. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTCTTTGTGTTGGAATATCTTCATTTGTAATCTGATTTAGTTTAGGATAATTGGTTCTAGAATTGA
ATTCAAAAGTCAAGGCATCATTTAAATAATCTGATTCAGACAAATGCTGTGTGGAACATCTATCCT
ATAGATCATCCTATTCTTATGTGCTTTGGTTATCAGATCAATTACAGAATAATTGTGTTGTGATATTG
TGTCTCTAAATTGCTCATTAAATTTTATTTACAGATTGAAAAAGAGGGACCGGTAAAGAAAAATGGAAAA
TAAATATCTTTCAAGACTCTTTTAGATAAACACGATGAGGCAAAATCAGGTTTCATTTCATTCAACGATA
GTTTCTCAACAGTACTTAAATAGCGGTTGGAAAACGTAGCCTTCATTTTATGATTTTTTCATATGTGGA
AATCTATTACATGTAATACAAAACAAACATGTAGTTTGAAGCGGTCAGATTCTTTGAGAAATCTTTG
TAGAGTTAATTTTATGGAAATTAATCAGAAATTAATGCTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-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).



<b>Components:</b>	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.
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u><a href="#">NM_012413.4</a></u>
<b>Summary:</b>	This gene encodes human pituitary glutaminy cyclase, which is responsible for the presence of pyroglutamyl residues in many neuroendocrine peptides. The amino acid sequence of this enzyme is 86% identical to that of bovine glutaminy cyclase. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	25797
<b>MW:</b>	20.8