# Product datasheet for SC204500

## PORCN (NM_203476) Human 3' UTR Clone

## Product data:

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|---|---|
| **Product Type:** | 3' UTR Clones |
| **Product Name:** | PORCN (NM_203476) Human 3' UTR Clone |
| **Vector:** | pMirTarget (PS100062) |
| **Symbol:** | PORCN |
| **Synonyms:** | 2410004O13Rik; DHOF; FODH; MG61; MGC29687; OTTHUMP00000025784; OTTHUMP00000025785; por; PORC; porcupine; porcupine homolog (Drosophila); PPN |
| **ACCN:** | NM_203476 |
| **Insert Size:** | 368 bp |
| **Insert Sequence:** | >SC204500 3'UTR clone of NM_203476<br>The sequence shown below is from the reference sequence of NM_203476. The complete sequence of this clone may contain minor differences, such as SNPs.<br>Blue=Stop Codon Red=Cloning site<br><br>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG<br>TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC<br>TGCTGGATCTTCTACCGTCTCATAGGCTGAGGCACATCTGTGGACCCTCATAACCCTCTTAAGACCCCT<br>CTCAGGGTGCCACTGATGGGGGATGAGGGAAGGCCCTCTCTCTACTCCTTGACCCCCTCCATCCTTGAC<br>CCCCAACACCTCAACACACACACACACACACACACACAAAATCACACCATTTTCATGCCTGTCAATCCC<br>CACCCCACCACAAGGCAGGAAGGGGGTGGTGCCTGCTGGGGCCTAGAGGGGGATGCTTGGGGAAACAGA<br>GAAGGGGAGATCCAGGGCCTCCCCGCCTTCCTTCTTCCTTTTTATATACAATTTGTTATTGTCAAATAA<br>AAGTAGGAAATATTCAATAGGCT<br>ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA<br>CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG |
| **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). |
| **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_203476.1 |

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**Summary:** This gene belongs to the evolutionarily conserved porcupine (Porc) gene family. Genes of the porcupine family encode endoplasmic reticulum proteins with multiple transmembrane domains. Porcupine proteins are involved in the processing of Wnt (wingless and int homologue) proteins. Disruption of this gene is associated with focal dermal hypoplasia, and the encoded protein has been implicated in cancer. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Aug 2013]

**Locus ID:** 64840

**MW:** 13.8