

## Product datasheet for **SC209715**

### INPP4B (NM\_003866) Human 3' UTR Clone

#### Product data:

|                           |                                                                                                                                                                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | 3' UTR Clones                                                                                                                                                                                                                                     |
| Product Name:             | INPP4B (NM_003866) Human 3' UTR Clone                                                                                                                                                                                                             |
| Symbol:                   | INPP4B                                                                                                                                                                                                                                            |
| Mammalian Cell Selection: | Neomycin                                                                                                                                                                                                                                          |
| Vector:                   | pMirTarget (PS100062)                                                                                                                                                                                                                             |
| ACCN:                     | NM_003866                                                                                                                                                                                                                                         |
| Insert Size:              | 780 bp                                                                                                                                                                                                                                            |
| Insert Sequence:          | >SC209715 3' UTR clone of NM_003866<br>The sequence shown below is from the reference sequence of NM_003866. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Red</b> =Cloning site<br><b>Blue</b> =Stop Codon |

CAATTGGCAGAGCTCAGAATTCA**GCGATCGC**

TACTACAGACCTCCAGAGGGGACTTATGGAAAAGCTGACACCT**AA**GTTTACCAACATGTTAATAACAGG  
AACACAAATACATTTTCAGTTGGATAATCTTACCTTGGTCTTTTTGTTTGTATTTTATTGTCATGAATTT  
GTGGTGGGGGAGATGATCACAGATGTTTCCCAAATCTAGGAAGTCAATTCATCATCAGCATATTG  
CTCTGAAAGAAATCCATTTTAAAAAATCTTACATGATTGACTGTCATTTCTAGTTCTAAGCTTCTAT  
GTGTTGAGCCTAGCTGATTGAGATTGGTTCACAAAGTGTAAATTTTCATTCATGAGTATTTAAATGTTTCT  
GAGGAAACATGGATCATTTCATAGGACTAGGGGTGATTCACAGAGCACCCTCTCCAACCAAATGGAAG  
AGAGGAGAGGGGAAAAGGAACATATTTTTTTGTGATACAACCTAATAGCCTATGAGAACACAGTCAAC  
CTGAGAATCAATGTAAGGGATTTAAAAAATGTGTAGCCACTCAATTAGGTAGAGTTAACTCATGATCT  
GGAATACTGAGGCAGTTTGCAGGTATGTTCCACAATGATCTCTATCATCCAGTCAAGGTGTGACTCCTCC  
CTTGCAACAGGCATATGCATGGAGTGAATAAGTGGTCAACAGACCTTTCAAACCATGGCATCTTTTCA  
GAACTCTGACTTGGGTTGTGATCTAGCTGTGAATGTAGCAATATAGAAGCTTTAATAGATGATAAGC  
AAAACACTGC

**ACGCGT**AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCG

Restriction Sites: SgfI-MluI



|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OTI Disclaimer:</b> | 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>RefSeq:</b>         | <a href="#">NM_003866.2</a>                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Summary:</b>        | INPP4B encodes the inositol polyphosphate 4-phosphatase type II, one of the enzymes involved in phosphatidylinositol signaling pathways. This enzyme removes the phosphate group at position 4 of the inositol ring from inositol 3,4-bisphosphate. There is limited data to suggest that the human type II enzyme is subject to alternative splicing, as has been established for the type I enzyme. [provided by RefSeq, Jul 2008] |
| <b>Locus ID:</b>       | 8821                                                                                                                                                                                                                                                                                                                                                                                                                                 |