

## Product datasheet for **SC115761**

### **NP1P (NP1PA1) (NM\_006985) Human Untagged Clone**

#### Product data:

|                             |                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------|
| <b>Product Type:</b>        | Expression Plasmids                                                                               |
| <b>Tag:</b>                 | Tag Free                                                                                          |
| <b>Symbol:</b>              | NP1P                                                                                              |
| <b>Synonyms:</b>            | morpheus; NP1P; NP1PA                                                                             |
| <b>Mammalian Cell</b>       | None                                                                                              |
| <b>Selection:</b>           |                                                                                                   |
| <b>Vector:</b>              | <u>pCMV6-XL5</u>                                                                                  |
| <b>E. coli Selection:</b>   | Ampicillin (100 ug/mL)                                                                            |
| <b>Fully Sequenced ORF:</b> | >NCBI ORF sequence for NM_006985, the custom clone sequence may differ by one or more nucleotides |

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ATGTTTTGTGCTTAGGATATGAATGGCTGAGCGGAGGCTGTAAACCTGGCACTCTGCTTGGGTTATCA
ATACTCTGGCTGACCATCGTCATCGTGGGACTGACTTTGGTGGAAGTCCTTGGTTACTTATCATTACTGT
GTTTCTGAGAAGTTATAAATTTGCCATCTCCCTCTGCACAAGTTACCTTTGTGTGTCTTTCCTGAAGACT
ATCTTCCCCTCTCAAAATGGACATGATGGATCCACGGATGTACAGCAGAGAGCCAGGAGGTCCAACCGCC
GTAGACAGGAAGGAATTTAAATTTGCTCTGGAAGACATCTTTACTTTATGGAGACAGGTGAAACCAAAGT
TCGAGCTAAATCCGTAAGATGAAGGTGACAACAAAAGTCAACCGTCATGACAAAATCAATGGAAGAGG
AAGACCGCCAAAGAACATCTGAGGAACTAAGCATGAAAGAACGTGAGCACGGAGAAAAGGAGAGGCAGG
TGTCAGAGGCAGAGGAAAATGGGAAATTTGGATATGAAAGAAATACACACCTACATGGAATGTTTCAACG
TGCGCAAGCGTTGCGGCGGCGGGCAGAGGACTACTACAGATGCAAAATCACCCCTTCTGCAAGAAAGCCT
CTTTGCAACCGGTCAGAATGGCGGCAGTGGAGCATCGTCATTCTTCAGGATTGCCCTACTGGCCCTACC
TCACAGCTGAAACTTTAAAAACAGGATGGGCCACCAGCCACCTCCTCCAACCAACAACATTCTATAAT
TGATAACTCCCTGAGCCTCAAGACACCTTCCGAGTGTCTGCTCACTCCCCTTCCACCCTCAGCTCTACCC
TCAGCGGATGATAATCTCAAGACACCTGCGGAGTGTCTGCTCTATCCCCTTCCACCCTCAGCGGATGATA
ATCTCAAGACACCTCCCGAGTGTCTGCTCACTCCCCTTCCACCCTCAGCTCCACCCTCAGTGGATGATAA
TCTCAAGACACCTCCCGAGTGTCTGCTCACTCCCCTTCCACCCTCAGCGGATGATAATCTCAAGAAAC
TAA

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**5' Read Nucleotide**
**Sequence:**

>OriGene 5' read for NM\_006985 unedited  
 ACTATAGGGCGGCCGGAATTCGGCACGAGGAGCAGGTGCTGGACGTCGACAGCTGCCTG  
 GACTCATCCGTGCTGGACAGCTCCTTCCTCACGTTCTCAGGCCTCCACGCTGAGGTGAGG  
 GCTCTACTGGGGTCTGCGCCTTGGCGCAGTTGGACTCAAGACCCTGTGCACCTCTC  
 AGCAGGCCCTTGTGGACAGATGAAGAGTGAATTGTTTCTGGATGATTCTAAGAGTTAT  
 CAATACTCTGGCTGACCATCGTCATCGTGGGACTGACTTTGGTGAAGTCTTGTTACT  
 TATCATTACTGTGTTTCTGAGAAGTTATAAATTTGCCATCTCCCTCTGCACAAGTTACCT  
 TTGTGTGCTTTCTGAAGACTATCTTCCGTCTCAAAATGGACATGATGGATCCACGGA  
 TGTACAGCAGAGAGCCAGGAGGTCCAACTGCCGTAGACAGGAAGGAATTAATTTGTCT  
 GGAAGACATCTTTACTTTATGGAGACAGGTGGAACCAAGTCGAGCTANNATCCGTAA  
 GATGAAGGTGANNCACAAAAGTCACCGTCATGACANAATCAATGGAAGAGGAAGACCGN  
 NCAAGAACATCTGAGGAACTAAGCATGAAAGAACGTGAGCACGGAGAAAAGGAGAGGCA  
 NGTGTANAGGCAGAGGAAATGGGAAATGGATATGAAAGAAATACACACCTACATGNN  
 AANTGTTTTACGTGCGCAAGCGTGCAGCGCGGCGGAGGACTACTACAGATGCAAAA  
 TCACCCCTTCTGCAGAAAGCCCTCTTGACCGGNTCAGAAATGGCGGCAGTGGAGCATCG  
 TCATTCTTACAGGATGCCTACTGGCCCTACTACGCTGAACTTTAAACAGGATGGGCACA  
 NNCACCTNCTNACATAACACATTCATANTGATACTCCTGACCTAAGACCCTCCGGGGGGG  
 CCTATCCCTCCCTCAGCATGAAATTAGACCCNCGATGTTGTACTCTCACCTANCTTCC  
 TAAGGAGAATTAACCGCGGGG

**3' Read Nucleotide**
**Sequence:**

>OriGene 3' read for NM\_006985 unedited  
 CGGCACGCAATCTAGTATCGAGTTTTTTTTTTTTTTTTTAAGGACTGCAGTATTCATTT  
 TATTTTTATATTATTTATTTATTTCTTCCTTAGTTTCTTGAGATTATCATCCGCTGAGGGT  
 GGAAGGGGAGTGAGCAGACACACTCAGGAGGTGTCTTGAGATTATCATCCGCTGAGGGTG  
 GAGCTGAGGGTGGAAGGGGAGTGAGCAGACACTCGGGAGGTGTCTTGAGATTATCATCCG  
 CTGAGGGTGGAAGGGGATAGAGCAGGCACTCGGCAGGTGTCTTGAGATTATCATCCGCTG  
 AGGGTAGAGCTGAGGGTGGAAGGGGAGTGAGCAGACACTCGGGAGGTGTCTTGAGATTAT  
 CATCCGCTGAGGGTGGAAGGGGATAGAGCAGACACTCGGAAGGTGTCTTGAGGCTCAGGG  
 AGTTATCAATTATAGAATGTTGTTGAGTTGGAGGAGGTGGCTGGTGGCCATCCTGTTTT  
 TAAAGTTTCAGCTGTGAGGTAGGGCCAGTAGGGCAATCCTGAAGAATGACGATGCTCCA  
 CTGCCGCCATTCTGACCCGGTTGCAAGAGGCTTTCTTGCAAGGGGTGATTTGCATC  
 TGTAGTAGTCTCTGCCGCCGCCGCAACGCTTGCGCACGTTGAAACATTTCCATGTANG  
 TGTGATTTTCTTTCATATCCAATTTCCATTTTCTCTGCCTCTGACACCTGCCTCTCCT  
 TTTCTCCGTCTCACGTTCTTTCATGCTTAGTTTCTCAGATGTTCTTTGGCGGGCTTCC  
 TCTTTCCATTGATTTTGNCATGACAGTTGACTTTTGTGGTCCCTTCATCTTACGGATTT  
 AGCCTCGACTTTGGGTTCCACCTGCTCCATAAGTAAAGATGTCTTCCAGACATNTTATTC  
 CTCCTGCTACGCAGTTGACCTCTGCTCTTGACATCGGGATCATATGCCATTTGAACGG  
 NAGATGCT

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_006985

**Insert Size:**

1360 bp

**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>Note:</b>                  | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq:</b>                | <u>NM_006985.1, NP_008916.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>RefSeq Size:</b>           | 1102 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 1053 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 9284                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>UniProt ID:</b>            | <u>Q9UND3</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 16p13.11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |