

## Product datasheet for **SC210870**

### **NIPA2 (NM\_001008894) Human 3' UTR Clone**

#### **Product data:**

|                           |                                         |
|---------------------------|-----------------------------------------|
| Product Type:             | 3' UTR Clones                           |
| Product Name:             | NIPA2 (NM_001008894) Human 3' UTR Clone |
| Symbol:                   | NIPA2                                   |
| Synonyms:                 | SLC57A2                                 |
| Mammalian Cell Selection: | Neomycin                                |
| Vector:                   | pMirTarget (PS100062)                   |
| ACCN:                     | NM_001008894                            |
| Insert Size:              | 1567 bp                                 |



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|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Insert Sequence:</b>   | <p>&gt;SC210870 3'UTR clone of NM_001008894</p> <p>The sequence shown below is from the reference sequence of NM_001008894. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CGAAGAAATGGAATCTGACAGCTTTTAAAGAAAGGTGTAATTAAGGTTAATCTGTGATTGTTATGAA GTGAATTTGAATATCATCAGAATGTGTCTGAAAAAACATTGTCCTCAAATAATGTTCTTTAAAGGCAAT CTTTTAAAGATTTCTACTAATTTGGACCAAGAAATTACTTTTCTGTATTTAAACAAACAATGGTAGCT CACTAAAATGACCTCAGCACATGACGATTTCTATTAACATTTTATTGTTGTAGAAGTATTTTACATTTT CATCCCTTCTCCAAAAGCCGAATGCACTAATGACAGTTTTAAGTCTATGAAAATGCTTTATTTTTCAT TGGTGATGAAAGTCTGAAATGTGATTTGTATCCCACTCCATCAATCCCTGACCATGTAAGGCTTTT TTATTTTAAAAAACAGAGTTATCCCAATACATTATCCTGTGATTACCTTACCTACAAAAGTGGCTCC TGTTTGTTTGATGATGATTGGTTTTATTTTGAATATTTATTAAGGGAAAACTAAGTTACTGAATGAA GGAACCTCTTTCTACAAAACAAAAAAGGGCAGAAATCACCCCAAGGAACGATTTCTCAGGTTGAGA TGATCACCGTGAATCCGGCTTCCCTGAGCATTGATGGCCTTAGCACCTCATCAAGCCAGCACATCCT GCCTGCTGTTGACGCTGGCTGGGTTTATTCTTCAGTTACCCTAATCCCATGATGCCTGGAACCTTGAT TACCGTTTTACATCAGCTCTTGACTTTTTCAGTATATTTTCATAATGAGTTATATTGTCATTTAGACTT TGAACAGCTCTGGGAAATAGAAGACTAGGGTTGTTTCTTAAATTTAGTCTCATGTTATAATAAAAGTTG AAATGAAGTTCTTATTCTAAAAGTCTGAATGCTTAGAACAACCTAACATGTTTATAGAATATGGTCTC TTTGTACCAAGTACTTTGCTTAAGAGCTCCTTTGGGCCACTACATATTTTGGTTTCTAGAAAATGTTTG TTTATGAAGAAGTCGATGGAAGTCAACATATGCAGAAAAGGTAGAATAATAAAAAAGGTCTAATG AACTCCATTTCAGCTTTGAACCTATCCACTCATAAACATTGACTGGCCTTTAAAAAAGTATTGGCAGA ATTAATTTCCACCTAGGTGATGGGAAGAAAGTGTTCGCCTGTTCCAGCCTGTGGCTCCTGCCTGGAGGT TACCCAGTGGTGCCAGCGCCAGCCATCACTCCCGAGGGCCTCCCCTGCCAATGGTGTGTTATCC CATGCAGCTCACCAGTGGCTGCGTGGAAGTCCCTTTTTTCCAACCTTATTATTGGCCTTCTAAGGAGC TGTTTTAGATGTTTTTCTAACTGCCTCCTCCCATGCCATTTTAACTACAGATGTACTACGTATCTG TTTATATACTGTACCTACATCTGTGCTTTGTACATAAAAGAACAGTTTTCTCCCCCTTGAGGACAGAG ACTCATTTGAACATGCATAGGTTAATAAATAATAAATTCTTATTTAACA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTGATTCACCGCCGCTTCTATGAAAGG </pre> |
| <b>Restriction Sites:</b> | Sgfl-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>            | <u>NM_001008894.3</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Summary:</b>           | This gene encodes a possible magnesium transporter. This gene is located adjacent to the imprinted domain in the Prader-Willi syndrome deletion region of chromosome 15. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 3, 7 and 21.[provided by RefSeq, May 2010]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Locus ID:</b>          | 81614                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

MW: 61.3