

## Product datasheet for **SC206401**

### Nephrocystin 4 (NPHP4) (NM\_015102) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Nephrocystin 4 (NPHP4) (NM_015102) Human 3' UTR Clone
Symbol:	Nephrocystin 4
Synonyms:	POC10; SLSN4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_015102
Insert Size:	484 bp
Insert Sequence:	<p>&gt;SC206401 3'UTR clone of NM_015102</p> <p>The sequence shown below is from the reference sequence of NM_015102. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

```

GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GCATTTTGGCTGAAGGTCATCTACCAGTGGGCTTGAGGGTGACGTCTTCTCGCGCACCCAGCTGG
GGCCTGTCTGTGCCCTCCTGCCCTGCAGGCTGTCTCCCGCCTCTCTGCAGCCTTTCACCTCAGTGC
CCACCTGGCTGACCTGTGCACTTGGCTGAGGAAGCAGAGACCGAGCGCTGGTCATTTTGTAGTACCTGC
ATCCAGCTTAGCTGCTGCTGACACCCAGCAGGCTGGGTTCCGTGAGCGCGAACTCCGTGGTGGTGGGT
CTGGCTCTGGTGTGCCATCTACGCATGTGGGACCCTCGTTATCGCTGTTGCTCAAAATGTATTTTATG
AATCATCTAAATGAGAAAATTATGTTTTTCTTACTGGATTTTGTACAAACATAATCTATTATTTGCTA
TGCAATATTTTATGCTGGTATTATATCTGTTTTTAAATTGTTGAACAAAATACTAACTTTTACACGTC
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCGCCTTCTATGAAAGG
  
```

Restriction Sites:	Sgfl-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.


[View online »](#)

**RefSeq:** NM\_015102.5

**Summary:** This gene encodes a protein involved in renal tubular development and function. This protein interacts with nephrocystin, and belongs to a multifunctional complex that is localized to actin- and microtubule-based structures. Mutations in this gene are associated with nephronophthisis type 4, a renal disease, and with Senior-Loken syndrome type 4, a combination of nephronophthisis and retinitis pigmentosa. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2014]

**Locus ID:** 261734

**MW:** 17.8