

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: >SC206401 3'UTR clone of NM_015102
 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.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCATTTTGCCTGAAGGTCATCTACCAGTGAGGGCTTGAGGGTGACGTCCTCCTGCGGCACCCAGCTGG
GGCCTGTCTGTGCCCTCCTGCCCTGCAGGCTGTCTCCCGCCTCTCTGCAGCCTTTCAGTTCAGTGC
CCACCTGGCTGACCTGTGCACTTGGCTGAGGAAGCAGAGACCGAGCGCTGGTCATTTTGTAGTACCTGC
ATCCAGCTTAGCTGCTGCTGACACCCAGCAGGCTGGGTCCGTGAGCGCGAACTCCGTGGTGGTGGGT
CTGGCTCTGGTGTGCCATCTACGCATGTGGGACCTCGTTATCGCTGTTGCTCAAATGTATTTTATG
AATCATCTAAATGAGAAAATTATGTTTTTCTTACTGGATTTTGTACAAACATAATCTATTATTTGCTA
TGCAATATTTTATGCTGGTATTATCTGTTTTTAAATTGTTGAACAAAATACTAAACTTTTACACGTC
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

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.



[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