

Product datasheet for **SC211315**

KIRREL1 (NM_018240) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KIRREL1 (NM_018240) Human 3' UTR Clone
Symbol:	KIRREL1
Synonyms:	KIRREL; NEPH1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_018240
Insert Size:	2000 bp



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Insert Sequence: >SC211315 3'UTR clone of NM_018240
The sequence shown below is from the reference sequence of NM_018240. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
TTCAGCAGCGCATGCAGACTCACGTGAGGGGCCAGAGCCTGGCTGGGGCATCTCTGCGGGCAGAGG
AGAAGGCTTTCACAGCTGTTCCCTGATATTACAGGGCATTGCTCATTGCTCCCTTCTCGGACCAGCCTT
CTTCTCCACCATGGCAGGTGGGGAGCAGGTCTCCAGAAACACCCGTCCTGAGGATGGTGTCTGT
GCATGCCCCAGCCTCTGGGCTGCCCTTCCCTTCTTTCGGGAGGATGTGTCTTCTGACCTGCACT
CTTGCTGACCTAGAAATGGGGACAGGAAAGTGAAGGTTAGGAAAGCAGAGGGGGCACTTTTATAGC
ATTCCCTTTCTATCCACCCCTCTGATCTCCATAAGTGGAAATGGGGTACCCAGGGATGGCAGGCT
TTGGCCTAGGGACATGAAGTATGGGAGTGGGTGGCTGTGGCACAGACAGGTGGAAACGGGATAGCCTG
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AGCGAACAGGGTACTGTTTCGCTCTGTCTACAGAACAGCCCTGGCACTGCATTCAAATCCAGTCTTCAT
TCAGCTGGGATCAAAATGCCAGTCACCTTGGCTACCCACTGTGGACAGCTGTCTGTGACGATGCAGAGG
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ACCATTCAATAATTCATGTTTCGCTTTAATGAGTTACATGCTTATCAGCCACAGGCCATTACCACCTTAT
GGATGGGTCTGGGGGGGACATTCTGGCCAACCCCTTGTAGGAAGGACCAGATAATACCAGGAAGCA
AGTAGCTCTAATTTAACTTCACAGGAAGTCTGTGCATCCTCCTTCATTTACAGAGGGAACCTCCTG
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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.

RefSeq: [NM_018240.7](#)

Summary: NEPH1 is a member of the nephrin-like protein family, which includes NEPH2 (MIM 607761) and NEPH3 (MIM 607762). The cytoplasmic domains of these proteins interact with the C terminus of podocin (NPHS2; MIM 604766), and the genes are expressed in kidney podocytes, cells involved in ensuring size- and charge-selective ultrafiltration (Sellin et al., 2003 [PubMed 12424224]).[supplied by OMIM, Mar 2008]

Locus ID: 55243

MW: 71.9