

Product datasheet for **SC212380**

KIRREL 3 (KIRREL3) (NM_032531) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KIRREL 3 (KIRREL3) (NM_032531) Human 3' UTR Clone
Symbol:	KIRREL 3
Synonyms:	KIRRE; MRD4; NEPH2; PRO4502
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_032531
Insert Size:	1252 bp



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Insert Sequence:

>SC212380 3'UTR clone of NM_032531

The sequence shown below is from the reference sequence of NM_032531. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CTGCAGCGCGGATGCAGACTCACGTCTAAGGATCACACACCGCGGTGGGGACGGGCCAGGGAAGAGG
TCAGGGCACGTTCTGGTTGTCCAGGGACGAGGGTACTTTGCAGAGGACACCAGAATTGGCCACTTCCA
GGACAGCCTCCCAGCGCTCTGCCACTGCCTTCCTTGAAGCTCTGATCAAGCACAAATCTGGGTCCCC
AGGTGCTGTGTGCCAGAGGTGGGCGGTGGGAGACAGACAGAGGCTGCGGCTGAGTGCGCTGTGCTTA
GTGCTGGACACCGTGTCCCGGCCCTTCTGGAGGCCCTCTACCACCTGCTCTGCCACAGGCACA
AGTGGCAGCTATAACTCTGCTTTCATGAACTGCGGTCCACTCTCTGGTCTCTCTGTGGGCTCTACCCC
TCGCTGACCAAGCTCTACCTACCCCTGTGCCTGTGCTCCCATACAGCCCTGGGAGAGAGGGGATGAC
GTCTTCCAGCACTGAGCTGCCCGAGAAACCCCGCTCCCACTGCTGCTCATAGCCCATACCTGGAG
GCTGACAAAGCCAGAAATGGCCTTGCTAAAGGAGCCTCTCTCTACCAGGCTGGCCGGGAGCCACCCC
CAATTTGTTTGGTGTGTGTGTCCATACTTGCAGTTCTGTCTTGGACTTGATGCCCGTGAACCTG
CGGTGGGACCGGTCCGGTCAGAGCTGGTGTACTGGGGGAGGGAGGGAGGGAGCCTGTGCTGACG
GAGCACCTCGCCGGGTGTGCCCTCCTGGGCTGTGTGACCCAGCCTCCCAACCCACCTCCTGCTTGT
GTACTCTCCCTCCCTCAGCACAATCGGAGTTCATATAAGAAGTGGGGAGCTTCTCTGGTCAGGG
TTCTCTGAACACTTATGGAGAGAGTGCTTCTGGGAAGTGTGGCGTTTGAAGGGGCTGGAGGGCAGGTC
TTAAGATGGCGAGACTGCCCTTCTCAGCTGATAAACACAAGAAGCGGATCCTGTCTTCAGTAAGGCT
CCACGAGAAGAGAGGAAGTATATCTACACCTCAACCCTCCTAGTCACCACCTGAAATAAATGTTAGGGA
CACTACTCCAACATGTTTGTCTGTTCTTTGTTCTTACAAAGCCACAGGAAGAACCCAAGAGCTCATA
GAATGCGTTGGGAACCAAGTTCTCTGCCCTCCTTGTATTCAATCTCTAGACAATAAAGGCAGTTG
ATAGCTCTGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCGCCTTCTATGAAAGG
  
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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.

RefSeq:

[NM_032531.4](#)

Summary:

The protein encoded by this gene is a member of the nephrin-like protein family. These proteins are expressed in fetal and adult brain, and also in podocytes of kidney glomeruli. The cytoplasmic domains of these proteins interact with the C-terminus of podocin, also expressed in the podocytes, cells involved in ensuring size- and charge-selective ultrafiltration. The protein encoded by this gene is a synaptic cell adhesion molecule with multiple extracellular immunoglobulin-like domains and a cytoplasmic PDZ domain-binding motif. Mutations in this gene are associated with several neurological and cognitive disorders. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2017]

Locus ID: 84623

MW: 45.8