

Product datasheet for **SC205293**

WNK4 (NM_032387) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	WNK4 (NM_032387) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	WNK4
Synonyms:	PHA2B; PRKWNK4
ACCN:	NM_032387
Insert Size:	408 bp
Insert Sequence:	>SC205293 3'UTR clone of NM_032387 The sequence shown below is from the reference sequence of NM_032387. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ACATTCGCCGGGATGTTGGCAGGATGTGAATTCAGAACAGAAGCCATGTATCTCCCCACACCAGGGC CCACCATGGAGCTTGTGTTCTCAGAATCTGATGCTTTCTGATCAACAAAAGTGAAGGAAAGATCCCA ACACTGAAGGGGTAGAAGGCCAGGGGGCATGGAGAGTGCAAGCTCCATTATAGTGAAGAGCCAAACATA TGTGAACTGTTTGTGTGTGGAGGTGTTAGTTCTGCTGCCTACCATCTTCATCTCTAGCACCTCCCTG CCAAGAGTCAACCACTAAGCAATCCACCCAAGCCTGGATGCTTCTAGAGGGGCCACTCCAGCTGGG AGAGTGTAGGGGATATGCTCACACCACATTAGCAGCAACCAATAAAAAATGCTGGAACAAGAA ACGCGT AAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<u>NM_032387.5</u>



[View online »](#)

Summary: This gene encodes a member of the WNK family of serine-threonine protein kinases. The kinase is part of the tight junction complex in kidney cells, and regulates the balance between NaCl reabsorption and K(+) secretion. The kinase regulates the activities of several types of ion channels, cotransporters, and exchangers involved in electrolyte flux in epithelial cells. Mutations in this gene result in pseudohypoaldosteronism type IIB.[provided by RefSeq, Sep 2009]

Locus ID: 65266

MW: 15.2