

Product datasheet for **SC215064**

KNDC1 (NM_152643) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KNDC1 (NM_152643) Human 3' UTR Clone
Symbol:	KNDC1
Synonyms:	bB439H18.3; C10orf23; RASGEF2; v-KIND; Very-KIND
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_152643
Insert Size:	1552 bp



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Insert Sequence: >SC215064 3'UTR clone of NM_152643
The sequence shown below is from the reference sequence of NM_152643. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CTACGGAGGATGAAGGCTACATTCCAGTAGCCGAGCTCGGGCCTGGTGTGGAATCCAGATCCGAATCC
GACTGTGGGGGGCGGGCTGGGAGGTGGGAGCCGCGTCTCAGGCCCGCCGTTATCAAGGCCCTCCGCC
CCCGAACCTGGGGAGCTGGACCAGGAGGTGGAGGCTCAGGGGACCCATGGGGACAGGCAGAGCTGGT
CTCCTCCAGCAGACGGAGCCAGGACGGGCACAAGAGTCTTGGAGGTTTGCCTGTCTGCGCCTCTCA
AAAAGTTAAATTTAAAAATGAAATGAAAGACAGCTTCCAGGAGTTTGTGCTGTCTGCGCCTCTCA
CACACAGATAAGTGGCTTTACCCAGCTCTCAGTACTCCCCACAAAACAGCAACAGCCTCCACCGCC
AACTCAACAACTTCAGAGTAGCTCCTCCTGAGCAGGTTTCTGAGCCAGCCTGGGTTGGCTGAGCAAC
GAAGGGCCAAAGCTGACCTCTGAGTGGCCAACTGCAGCTCCAGGGACTCCGAGACCTCCGGTCCGAGA
CCCTGCCTGGGTTCAACCCCAACAACCCAGACCCAGAACCCTCTCCCTTCCCTGCCAGTGCCCTC
CTCCCCAGCCAGACCCCGAGGTGCCCAAGGCCTGCTGTGGAGCAGGCACCTTGGGCTGGGCTGCTC
CCCCAGGGCCAGGGCCCCCAGCTTAGAACAGCCCTTGGTGAGGTGGTCATGCCCGGGCAAGGCCCT
GCTTCTTGAAAGGACACTCAGAGCAGCTCCAAGACAGAGGCTCTGTGGCGGGGTCCTGAGAGTGCC
CCCACCATCTCATGCCCGAGGACCGCCACTGCCACCGCCTCCAGCAGCCATGCATGTGCGCCCGCA
GCCCTGCCTCCACAGCTCGCCACACACTCAGCTTCGCCAGAGACAGGAAGTGCCTGCCCTCCACGGCC
CCTTGCCCTTGTCTCAGGTTCTTGGACCCAGGCAGCTGGTGTGGAGCCCTTGGCCAGGGCCATGGGAG
TCCCGCGCAGTCAGCTCCACATTGGCCTCTGCAGCTGGGTGACCAGAGCCCGGGCACGGCCCCAGCTC
CGTGGGGCTCTCACGGTGCCAAATCAAGACCCAGGGTTGTGCTTTTGTAGTTTTAGAAATTAGTCATTCT
TTAGAGCAGCCAGCTAGTGGCATTCTAGGAAAAGTGTGACCTGTGACAAATCGCTGCATTTTAAATGT
CAAGATGTGTTTTCCACATAAATTCACCGAGACATCCGGGCCCGCTTCGATGTAACATGAGAGGAA
GTGGGCTGCTGGCCACGAAATGCAGTTCACTTTTTTTAGGCTTTTATATGGATTATGTTTTGCTGAC
CCACGCCCCGATTTTCAATTTTGTATCTAACAGACAGTGCTCAGTGCAAATCAACATTCAGCGGTCA
GGACTGACCCCGGGCAGCACTGGGCTCAGGCTTCAGCGCGACTGTCCGCATGGCTCCCTCCGCTCTG
GCACCAATTTCTGAATAAAGTCCTTTCTACCAGC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_152643.8](#)

Summary: The protein encoded by this gene is a Ras guanine nucleotide exchange factor that appears to negatively regulate dendritic growth in the brain. Knockdown of this gene in senescent umbilical vein endothelial cells partially reversed the senescence, showing that this gene could potentially be targeted by anti-aging therapies. [provided by RefSeq, Dec 2016]

Locus ID: 85442

MW: 55.2