

Product datasheet for **SC200145**

OR52K1 (NM_001005171) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	OR52K1 (NM_001005171) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	OR52K1
Synonyms:	OR11-8
ACCN:	NM_001005171
Insert Size:	2000 bp



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Insert Sequence: >SC200145 3'UTR clone of NM_001005171
The sequence shown below is from the reference sequence of NM_001005171. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTCAGTCTATTCCAGAGAAAGAACATGTAGATGGATAGTTCTCTTTTTTATCCCACTTGCCAAGTAAT
GAGAATGCTGGATTGGGGTTGAGGGGAAAAATCTAAATAGGAAAATTGCAGAGTATCTTTGACAATTCT
CTAGTATGATAAGGAAAATGAGGTTTCATTCTCACAGATCTACGAGTCAGGTCAAACCAGGAGTGCAC
CTATAGTCTGGTCTGATAGTAGAGGTTTGACCTTCCCATTGTCATAGACTCATCATAGGCTAAGGAAG
ACAAACCTCTCAAAGTGGTATTGTAATCTGGGTGAAAGACAGTAGGACCTTTATTGGCTGAGATTGGCC
CAAACAGCTGAGTACCCAAACAGGTGACTTCTTATCCAGGTATGAGTGAGGAAATGTACCTCAAATT
TTGTGACCCAAAACCATTATTCCTTTTAGTACTGAAATTACCCCATGTCTTTTCTGACAAGTACCCT
CCACCCTTGGCCACTCTTATAGCCTACTATCTCCAATTTTATTCTACAGTTAGACAGCTCCATTTA
TAAGTAGATCTATTTCTCCATTAAGTCAATTCCTCTTTTACTTCTCCTGATAGACATGGCCAATTC
CTTTAGTGAACATTTATCAAAGAGTCCCTCGATGTTCTTTTTATCAATTTATATCATGTATCTAGCT
TTTCACTGCATGTCTTTGCCTCCAAAATACTTAGTAATATTTAATGAACGGATAGAAGAGCTGA
ATACTATCTTTGAACTATGAACCATGAAAAGAGAAAATAACACCCTTCCCTCTTGAAGCTGAGATTCTG
AAAATAAGAAAATACAATACTGTACACACTGCATAATGAAGTTTTGGTCAGTAATGGATCACCTATAT
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CAGGTTTGTATCTAGGTAAGCCATGTTATGGGGTTTTGTTGTACAGATTATTTATCACCCAAAGTA
TTAAGCCTAGTATTCATTAGCTATTTTTCTGTTTAAATACACAAACTATTGTTTACAATTGCCTA
CAATATTGGGTTTTGTAGCCTAGGAGCAACAGGCTATACCATATAGCTTAGGTGTATAGCAAGCGTACC
ATCTAGGTTTGTGTAATACTCTATGATGTTTACAGGTTGATAAAATCACCTGAGGACACATTTCTC
AGAATGTATCCCATCATTAAAGCAATGCATGACTAGTTAGACATGATTGTAGTTGTGATAGACTGTATT
ACTGTCCACCAATATTTAGTCTCCTGCTCTATCATGGGTAGGGTATTTCTTCACTCCACGAATTT
TAACTTTGCTGTATGACTTGATTTGGCCAATGAAATTTGAGTAGCCCTGAAATGTACTTCGAGAATCA
GAAAGTTTATTAACAAAAACAGATGCTAGTGAGGTTGTAGAGAAAAGGAAACACTTATATACTGCTGGT
AGGAGTGTAAATATTTACCCATTATGGAAAGCAGTAGGTGATTCCTCAAAGACCTAAAAACAGAAT
ACCATTTGACTGAGTGATCCTTTAGTGGGTATGTACCCAAAGGAACCTAAGTTGTTCTACCATAAGAT
AACATGTATGTGTACATTCACTGCAGCACTATTACAATAGCAAAGACACGGAATCAACCTAAAGGCT
ATCAACAGTTGACTGGATAAAGAAAATGTGATACATATGCACCATGGAATACTATGCAGCCGTCAAAAA
GAATAAGATCATGTCCTTTGCAGGAACATGGATGGAGCTAGAGGCCATTATCTTTGCAAACTAAAAAGG
GGAATAGAAAAATAAAATACCACATGTTCTCACTTATAAGTGGGAACTAAACAATGAGAACACATGGAC
ACAAAGAGGAGCAGGAGACACTGGGGCCTATTTAAGGTAGGAGGGAGAGGATCAGGAAAAATAACTAT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGATTTTCGATTCACCCGCCCTTCTATGAAAGG
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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_001005171.3](#)

Summary:

Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms. [provided by RefSeq, Jul 2008]

Locus ID:

390036

MW:

77.6