

Product datasheet for **SC214799**

RAI1 (NM_030665) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	RAI1
Synonyms:	SMCR; SMS
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_030665
Insert Size:	1502 bp



Insert Sequence:

>SC214799 3'UTR clone of NM_030665

The sequence shown below is from the reference sequence of NM_030665. 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
AAATGTCCCAAACATAAGAGGCTGCCGTAGTAATCCACCCCAACGGCCGGAGGAGCCGCCGGAGCCCGC
CTGCCCGCCCGCCGCCAAGGAGAGGAGCGCCTGCGCAGCCCCCGGGCCTTTGAGCTGCTCCACGCGC
TGGTCCAGAGCCGATCCTTGATCCGGGTCCCGGATCGTGGATCCGGCCGCTAGGGCTCAGACTTGCGG
CCCCGGGTTGGGAGGAAAACCGTTCGGAGCCGCCTGCTCCCGGAACCGGACGGCACAGGGCGTTCTT
GCCCCACCCAGGGGCCAGGCTTGCGGAGGGGAGCCCCGCGAGCGGCCAGACTCCCCGGGGCGCTCAGC
CTCCGGCGAGGGTGGGAGACGGCTTTGTCTGGGGACACTTTCCCTCTGGAATCTCAAGACGACGTGGC
ACACATTCCACGTGGGTGCTGCCGCCACCCAGTCGGTCTGGCGTGCAGCTGGGAGCCCTGGGCTTGG
GGGTGGGGTTCGAAACAGTACTGGAAGAGGCGGAGGGCGGCTCCTAGCTCCGTGGACTAGGCGGGGAG
AAAGGAAGCCTTTCTGAGAGCGGGCTAGGCCGGCACTGGAGAGGCCGGAGCCTTTGGAACAAACCGTGC
GGAACGCGTCCAGGGGCTTCCCGCCAGCCTTTGCCAGATCTCTCGTGCGGTTCGGGCAAAAGCCGGG
TAGACCTGGGCTATGCTCAGTTAGGGGTTGCGGGATCCCCGAGTGTGGCGGGACTGGGACACCCCTTG
GCCTCTGTTTGTCCCTTTCCAGTCTCCACCCACCCCTGGAGCCAGCCTGGGAGCGCAAAACCCAA
GAAGCGGCCAGAACGCACCTCCGGCTCCGGCGGACGCGGACCGTTGTGCACCACAGGGACCGCCGCG
CCTACTCTGCACGGGAGCAGGGACGCGTAGATTTCTGTACAAAACCTGTGTACCCCTCTATATATA
TGTTACATAGAATGTATATATGTTGGGAACATGCTCGTTCTCCCGTGTGTGCGCCCGTGCCTGCTGC
GCCCGCAACAGAGCCCCAACCGGGCTTTGCCGGTAAGGGGCTACCGGACGCCACTTGTCCACGAG
CCACCACCGGCCCGGGCCAGTCCCTGCCAGTCCGTCCGCTGTCCGTCCGTGTCTCAGCTCTGTCCAC
GCTTCGATAGGCCTGACGACGCCCCAGGCCAGGGCCGCCCTAGCAACTCCTGTACATATGACTGTAA
AATGGTAAACGTGTGTATTATATCTGGCCTCGTTATATAGTGTATATATGTATACATATACATATAT
ATAATATATATGAAGACTGTAAATGTTAAGACGACTAGTGTCTTATTAGTATATTGCTTCACACTGAA
GATTGTGTGTATCGAGCTGTTTCTAAAAGATGTTTATTTCTTAAGAGTAAAAAACAGTCATTGCATT
CAGAAAAAAGTCAATAAAGATACAACGATTGTTTGGAAAA
AGCGGACCGACTTACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCAGGAGTTTCGATTCCACCGCCG
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Restriction Sites:

SgfI-RsrII

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.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

NM_030665.4

Summary:	This gene is located within the Smith-Magenis syndrome region on chromosome 17. It is highly similar to its mouse counterpart and is expressed at high levels mainly in neuronal tissues. The protein encoded by this gene includes a polymorphic polyglutamine tract in the N-terminal domain. Expression of the mouse counterpart in neurons is induced by retinoic acid. This gene is associated with both the severity of the phenotype and the response to medication in schizophrenic patients. [provided by RefSeq, Jul 2008]
Locus ID:	10743
MW:	55.2