

Product datasheet for **SC216829**

RAI14 (NM_001145522) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RAI14 (NM_001145522) Human 3' UTR Clone
Symbol:	RAI14
Synonyms:	NORPEG; RAI13
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001145522
Insert Size:	1877 bp



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Insert Sequence:	>SC216829 3'UTR clone of NM_001145522 The sequence shown below is from the reference sequence of NM_001145522. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ATGTGTAAAAACAGTCTCAAAAGAAAGTAAAGTGATTCTTGGCAGGACACTGCCCTTGTCTATCTGT CTTTGTGTAGATCCAGAGTTGTGCGCAGCCGCTGCCATTGTTCTCATTCTGGTATGCACTGTGGCCT AGCGTAGCTTCTTCCCTTCCAAAGTTTCTGAGGACTTCTCCAGGAGAAGACTGCCCGCTCAGAAC TGCTTAGAGACTTCAAACCAGCAGAGGTGAAAGTCCCTGTCTATCCCTCAGATCCAGAGCTGGGATCA GCCATGCCAGAGGTCTGGTCTGATGCTGGCAGGGGGGGCCCCCTCCATCCCTGACTGGCTGAGTG GCTTTATACCACCGAGTGATGTGCTGAGGCTCTGCAGTGAATGCTCCTTCCATTCTGTACTCGGG CAGTGCCATTGACACAGGAGAGCTCTTTTGCCTTTGGCTTTCAATCCAAAACATGATTTAATTTCT AACTAAATTAGTATGGCACTAGTTATGAAGTATCTGCTTAAACCCCTTCATCATGATATCTGTGGATT TAAAAACTCTAATTCCATGTTTTCTTCCATCTGCCTTATATATCTCATACCCTGCTTATCAATATTC AGTTTGATGAGCACTATTAATAAAATATGAACTTAAAAACAAAAGCAAGTTGTCTTAAAGTTCTT TTTTTAAGTAAATTGTTGACATACTGCAAAATTTCTATGCAAACTTGCCTCTGTGTTATCTGTGAAG CTCAGGAAATCCAAACATTTGTGTTTCAACAAGGGACAGTAAACTGTGTGTTACAGCCAAAAGAAATG CCTCATAGTTCTTAACCTCAACTTTTGTAGAAGTATTTTTTCTCTGTAATTTTTATTGGCTCATAA AGATGTTTTATATCTGAACCTCTAAATAAGTGAAATTACAGTAGATTATTAACAAAATACTTTTTA GGTAGCCATGCTTGAGACTTTTTAAAAATATACTTTTTCTTAAAGTTTTCAGCTATAGCAAAAGGTA GTTATGTATGCCAGACCTAATATGAGCTGCCACCAACCCCTAGAACTTTCAGCCATGGTGTCTTCAG AATTGTAGCGCATTTCTGAATCTAGCAAAATCCTCTTTTACCCGTTGAATGTTTTGAATGCCCTGACTC TACCAGCGCCCATAAATGATCTCTAGAAGGACTGTAGTACCAATCTGTTTTCACTTTGAAGCTAAA AACCCTGATATGGTAATATTATGGTGCATAGCAGAGGTCTCGGAAAAAAATATTTCTGTCACTTTAC TTTCAGGTTAAAAATGTTTCTAACACGCTTGCAACTTCCCTTATGGCATTAACTTGTGAGGGAGAGA GACAGAATCCTGGACTCTCAAAGTATTTAACTGAAAGTAGGGCCTGCTCTGACAGGGCCCATGTCCCA CAAGGCTGCTTGGCCTCAGTGGGTGCTTGGCTGTGCTGGATGATATGTTGATCTGTATTGGATAAGGAC CAATGACAGCAAAAGCAAAAATGGCTTTAAAGCTTGGTGTACTTTTCTTAAGTTGTTAATTATAGTTA AGCAATTTCAAAAATGCTCCAAAGAAATGTGAAAGGACCTTTTGTACAGCACTTCAGAAAATACACAA CAGCCCCCTCTGCCCCGCACAGAAATGCTGCAGAGTATATAAACTTGAGACATTTTTGTAGGATGCC TGACGAGGTGTAGCCTTTTATCTTGTTCGGATGCATATTTATTACGAGTACTCTGGTTAAATATTGA AAAGTTATATGCTGTAGTTTTTAGTATTTGTCTTTGTAATTTACAGAAGTTATTGGAGAAAATAAAT TGTTTCATTTTGCA ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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:	<u>NM_001145522.2</u>

Summary: Plays a role in actin regulation at the ectoplasmic specialization, a type of cell junction specific to testis. Important for establishment of sperm polarity and normal spermatid adhesion. May also promote integrity of Sertoli cell tight junctions at the blood-testis barrier.
[UniProtKB/Swiss-Prot Function]

Locus ID: 26064

MW: 71.2