

Product datasheet for **SC122807**

RTDR1 (RSPH14) (NM_014433) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RTDR1 (RSPH14) (NM_014433) Human Untagged Clone
Tag: Tag Free
Symbol: RTDR1
Synonyms: RTDR1
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_014433 edited
 ACGATGTCGCCTGGCAACTGAATAGGTTGGCCAGTGGCGGGCTACTGGAAGCAGAAAAG
 GGCTGCGGAGGCAGTGAGTGGTTTCTGCAGAGCTTCATTTGGAAAGGCCCTCTGTAGTTGG
 GGAAAGATGGCCATTCCAGAACTCCTTGGAGCTTCCATTAACATCAATGCCACCCAG
 ATTACCACTGCCTATGGCCATCGGGCCCTGCCAAGCTGAAGGAGGAGCTGCAGTCAGAG
 GACCTCCAGACGAGGCAGAAAGCCCTCATGGCCCTGTGTGACCTCATGCATGACCCCGAG
 TGTATCTACAAGGCCATGAACATAGGCTGTATGGAGAACCTGAAAGCTTTGCTGAAGGAT
 AGCAACAGTATGGTGCCATAAAGACCACCGAGGTGCTCCACATCACGGCAAGCCATAGC
 GTGGGCAGATACGCCCTTCTAGAGCACGACATCGTCCTTGGCCCTGTCCTTCTGTGAAT
 GACCCAGCCAGTCTGCCGGGGAAACCTGTACAAGGCATACATGCAGCTGGTCCAGGTG
 CCTAGAGGGGCCAAGAGATCATCAGCAAAGGTCTGATTTCTCACTGGTATGGAAGCTG
 CAGGTGGAGGTGGAGGAGGAGGAGTTCCAGGAGTTCATCCTGGACACACTGGTCCCTGTC
 CTGCAGGAGGATGCCACCGAGGCCCTGGGCAGCAATGTGGTGCTTGCCTGAAGCAGAAG
 CTCCTCAGCGCCAACCAGAACATCCGCAGCAAGGCCGCCCGTGCCTCCTTAATGTCAGC
 ATATCTCGAGAGGGCAAGAAACAGGTGTGTCAATTTGACGTATCCCCATCCTGGTCCAT
 CTGCTGAAAGACCCAGTGGAGCATGTGAAGTCTAACGCTGCCGGTGCCCTGATGTTCCGC
 ACAGTGATCACTGAAGGGAAGTATGCGGCCCTGGAGGCACAAGCCATCGGCCTGTCCTG
 GAGCTGCTGCACTCCCCATGACCATAGCGCGCCTGAATGCCACCAAGGCCCTTACCATG
 CTGGCAGAGGCCCGGAGGGCCGCAAGGCCCTGCAGACGCAGTGGCCACTTTCCGTGCC
 ATGGAGGTGGAGACTTACGAAAAGCCTCAAGTGGCCGAAGCCTTACAGCGGGCAGCCCG
 ATCGCCATCAGTGTGCATCGAGTTCAAACCCTGAGCCCTTATTACCTCTGTGAGTGAAT
 AAATGTGCTAAGTCTCTTTAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_014433 unedited NNGGTTTGGATTTGTATACCACTTATATAGGCGCCGCGNATTCCTGGGATATCGTCGAC CCACGCGTCCGACGATGTCGCCTGGCAACTGAATAGGTTGGCCAGTGGCGCGGGCTACTG GAAGCAGAAAGGGCTGCGGAGGCAGTGAGTGGTTTCTGCAGAGCTTCATTTGAAAGGCC TCTGTAGTTGGGAAAGATGGCCATTCCCAGAACTCCTTGGAGCTTCCCATTAAACATCA ATGCCACCCAGATTACCACTGCTTATGGCCATCGGGCCCTGCCAAGCTGAAGGAGGAGC TGCAGTCAGAGGACCTCCAGACGAGGCAGAAAGCCCTCATGGCCCTGTGTGACCTCATGC ATGACCCCGAGTGTATCTACAAGGCCATGAACATAGGCTGTATGGAGAACCTGAAAGCTT TGCTGAAGGATAGCAACAGTATGGTGCGCATAAAGACCACCGAGGTGCTCCACATCACGG CAAGCCATAGCGTGGGCAGATACGCTTTCTAGAGCACGACATCGTCCTTGCCCTGTCTCT TCCTGCTGAATGACCCAGCCAGTCTGCCGGGGAACTGTACAAGGCATACATGCAGC TGGTCCAGGTGCCTAGAGGGGCCAAGAGATCATCAGCAAAGGTCTGATTTCTCACTGG TATGGAAGCTGCANGTGGAGGTGGAGGAGGAGGAGTTCAGGAGTTCATCTGGACACAC TGGTCTCTGCCTGCAGGAGGATGCCACCGAGGCCCTGGGCAGCAATGTGGTGTGTGTC TGAAGCAGAAGCTCCTCAGCGCCAACCAGAACATCCGACGCAAGGCCCGCCGTGCNGCTC TTAATGTCAGCATATCTCGAGAGGGCAAGAACAGGTGTGTCATTTGACGTCATCCCAT CCTGGTCC
Restriction Sites:	Please inquire
ACCN:	NM_014433
Insert Size:	1258 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_014433.2 , NP_055248.1
RefSeq Size:	1286 bp
RefSeq ORF:	1047 bp
Locus ID:	27156
UniProt ID:	Q9UHP6
Cytogenetics:	22q11.22-q11.23
Protein Families:	Druggable Genome

Gene Summary:

This gene encodes a protein with no known function but with slight similarity to a yeast vacuolar protein. The gene is located in a region deleted in pediatric rhabdoid tumors of the brain, kidney and soft tissues, but mutations in this gene have not been associated with the disease. [provided by RefSeq, Jul 2008]