

Product datasheet for **SC302554**

Renalase (RNLS) (NM_001031709) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Renalase (RNLS) (NM_001031709) Human Untagged Clone
Tag:	Tag Free
Symbol:	Renalase
Synonyms:	C10orf59; RENALASE
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001031709 edited GCGGATCGCTGCTCCCTCTCGCCATGGCGCAGGTGCTGATCGTGGGCGCCGGGATGACAG GAAGCTTGTG CGCTGCGCTGCTGAGGAGCAGACGTCGGTCCCTTGTACCTTGTGT GTGGGACAAGGCTGACGACTCA GGGGAAGAATGACTACAGCCTGCAGTCTCATAAT CCTCAGTGCACAGCTGACTTGGGTGCTCAGTACA TCACCTGCACTCCTCATTATGCCA AAAAACACCAACGTTTTTATGATGAACTGTTAGCCTATGGCGTTTT GAGGCCTCTAAG CTCGCCTATTGAAGGAATGGTATGAAAGAAGGAGACTGTAACCTTGTGGCACCTCAA GGAATTTCTTCAATTATTAAGCATTACTTGAAAGAATCAGGTGCAGAAGTCTACTTCAGA CATCGTGTGA CACAGATCAACCTAAGAGATGACAAATGGGAAGTATCCAAACAAACAG GCTCCCCTGAGCAGTTTGTCT TATTGTTCTCACAATGCCAGTTCCTGAGATTCTGCA GCTTCAAGGTGACATCACCACCTTAATTAGTGAA TGCCAAAGGCAGCAACTGGAGGCT GTGAGTACTCCTCTCGATATGCTCTGGCCTCTTTTATGAAGCTG GTACGAAGATTG ATGTCCCTTGGGCTGGGCACTACATCACCAGTAATCCCTGCATACGCTTCGTCTCCAT TGATAATAAGAAGCGCAATATAGAGTCATCAGAAATTGGGCTTCCCTCGTGATTCACAC CACTGTCCCA TTTGGAGTTACATACTTGAACACAGCATTGAGGATGTGCAAGAGTTA GTCTTCCAGCAGCTGGAAAACA TTTTGGCGGTTTGCCTCAGCCAATTGCTACCAAAT GCCAAAATGGAGACATTCACAGTTACAAATGC TGCTGCCAACTGCTCTGGCCAAAT GACTCTGCATCACAACCTTTCTTGCATGTGGAGGGGATGGATTT ACTCAGTCCAAC TTTGATGGCTGCATCATTCTGCCCTATGTGTTCTGGAAGCTTTAAGAATTATATTT AGTGCCTATATCCTTATTCTCTATATGTGATTGGGTTTTTATTTTACAAATTTCTGTT ATTGATTATT TTGTTTTCTATTTTGTAAAGAAAATTACTGGAAAATTGTTCTTCACT TATTATCATTTTTCATGTGGAG TATAAAATCAATTTTGAATTTTGTAGTTACAACC CATGCTAGAATGGAAATTCCTCACACCTTGACC TTCCCTACTTTTCTGAATTGCTAT GACTACTCCTTGTGGAGGAAAAGTGGTACTTAAAAAATAACAAAC GACTCTCTCAA AAAATTACATTAATCACAATAACAGTTTGTATGCCAAAACCTTGATTATCCTTATGA AAATTTCAATTCTGAATAAAGAATAATCACATTATCAAAGCCCCATCAAAAAAAAAAAAA AAAAAAAAAA AAAAAAA



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Restriction Sites:	Please inquire
ACCN:	NM_001031709
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).
OTI Annotation:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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:	<u>NM_001031709.1, NP_001026879.1</u>
RefSeq Size:	1477 bp
RefSeq ORF:	1029 bp
Locus ID:	55328
UniProt ID:	<u>Q5VYX0</u>
Cytogenetics:	10q23.31
Protein Families:	Secreted Protein
Gene Summary:	<p>Renalase is a flavin adenine dinucleotide-dependent amine oxidase that is secreted into the blood from the kidney (Xu et al., 2005 [PubMed 15841207]).[supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>