

Product datasheet for SC319345

RENBP (NM_002910) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RENBP (NM_002910) Human Untagged Clone
Tag: Tag Free
Symbol: RENBP
Synonyms: RBP; RNBP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_002910.4
 AGGAGCAGGAGGGATGAGCAAGGGTCTCCAGCGCGACAGGACATGGAGAAAAGAGCGAGA
 GACTCTGCAGGCTGGAAGGAGCGGTGGGGCAGGAGCTGGACCGGTGGTGGCTTCTG
 GATGGAGCACTCCACGACCAGGAGCACGGGGCTTCTTACGTGCCCTGGCCGCGAGGG
 GCGGGTGTATGATGACCTCAAGTATGTGTGGCTGCAGGGGAGGCAGGTATGGATGTATTG
 TCGCCTGTACCGCACTTTCGAGCGCTTCCGCCATGCTCAGCTTCTGGACGAGCAAAAAGC
 AGGTGGTGTGTTCTTGTGCGGTATGCCCGGGTGGCACCTCCTGGCAAGAAGTGTGCCTT
 TGTGCTGACTCGGGACGGCCGCCGGTCAAGGTGCAGCGAACCATCTTCAGTGAGTGT
 CTACACCATGGCCATGAACGAGCTGTGGAGAGCCACAGGGGAAGTGGGTACCAGACGGA
 AGCGGTGGAGATGATGGATCAGATCGTCCACTGGGTGCAGGAGGACGCGTCCGGACTGG
 CCGGCCCCAGCTCCAGGGGGCCCCGGCTGCGGAGCCCATGGCGGTGCCCATGATGCTACT
 GAACCTGGTGGAGCAGCTCGGGGAGGCAGATGAGGAGCTGGCGGGCAAATACGCAGAGCT
 GGGGACTGGTGCGCCCGGAGGATTCTGCAGCACGTGCAGAGGGATGGACAAGCTGTGCC
 GGAGAATGTGTCAGAGGGTGGCAAGGAACCTCCTGGCTGCCTGGGGAGACAGCAGAACCC
 AGGCCACACGCTGGAAGCCGGCTGGTTTCTGCTCCGTCATTGCATTGGAAAGGCGACCC
 CGAACTTCGAGCCACGTGATTGACAAGTTCTATTGTTGCCCTTCCACTCCGGATGGGA
 CCCTGACCACGGAGGCCCTTTTTACTTCCAGGATGCTGATAACTTCTGCCCCACCCAGCT
 GGAGTGGGCCATGAAGCTCTGGTGGCCACACAGTGAAGCCATGATTGCCTTCTCATGGG
 TTACAGTGACAGTGGGGACCTGTGCTGCTGCGCCTTCTACCAAGTGGCTGAGTACAC
 CTTCGCGCAGTTTCGCGATCCCGAGTACGGGGAATGGTTTGGCTACCTGAGCCGAGAGGG
 CAAGGTGGCCCTTCCATCAAGGAGGTCCTTTCAAAGGCTGCTTCCACGTGCCGCGGTG
 CCTAGCCATGTGCGAGGAGATGCTGGGCGCCTGCTGAGCCGCCCGCCCCGCCCCCTC
 CCCC GCCCCACCCCGCTGCCGAGGCGGGAATAAAGGCTGAGTCCGCTCCAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire



[View online »](#)

ACCN:	NM_002910
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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_002910.4</u> , <u>NP_002901.1</u>
RefSeq Size:	1507 bp
RefSeq ORF:	1254 bp
Locus ID:	5973
UniProt ID:	<u>P51606</u>
Cytogenetics:	Xq28
Protein Pathways:	Amino sugar and nucleotide sugar metabolism
Gene Summary:	The gene product inhibits renin activity by forming a dimer with renin, a complex known as high molecular weight renin. The encoded protein contains a leucine zipper domain, which is essential for its dimerization with renin. The gene product can catalyze the interconversion of N-acetylglucosamine to N-acetylmannosamine, indicating that it is a GlcNAc 2-epimerase. Transcript variants utilizing alternative promoters have been described in the literature. [provided by RefSeq, Jul 2008]