

## Product datasheet for SC317037

### PRHOXNB (URAD) (NM\_001105577) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PRHOXNB (URAD) (NM_001105577) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRHOXNB
Synonyms:	PRHOXNB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317037 representing NM_001105577. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**  
 ATGGACATTGAGAAGGTCAACTCCATGGACCTTGGAGAATTCGTGGATGTGTTTGGGAATGCCACTGAG  
 AGATGTCTCTGATTGCAGCTGCTGTTTGGTCCCAGCGGCCATTCTCTGATTTGGAAGATTTAGAGAAG  
 CACTTTTTTGCCTTTATTGATGCCCTTGCACAGTCAGGCCAGGAGGGCATCCTGCGCTGCCACCCGGAC  
 CTGGCGGGCAGCGAGCTGCAGCGGGGCACGCTCACGGCCGAGTCGCAGCGGGAACAGAGCGGCGCAGGC  
 CTGAGGAGCCTGGGCGCGGACGAGCGGCTGCGGCTGGCCGAGCTCAACGCGCAGTACCGCGCGCTTC  
 GGTTTCCCTTCGTGCTCGCCGCGCTTCAGCGACCGGACGGCGGTGCCGCGCAGCTGGCGCGCCGG  
 CTGCTCTGCCCGTCCGCGCAGGAGCTGCGCACTGCTCTGGGCGAGGTGAAGAAGATCGGCAGCCTGCGC  
 CTGGCCGACCTCCTCCGCGCAGACCCCGCAAGCTG**AG**  
**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001105577
Insert Size:	522 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).


[View online »](#)

<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001105577.1</u>
<b>RefSeq Size:</b>	522 bp
<b>RefSeq ORF:</b>	522 bp
<b>Locus ID:</b>	646625
<b>UniProt ID:</b>	<u>A6NGE7</u>
<b>Cytogenetics:</b>	13q12.2
<b>MW:</b>	19.1 kDa
<b>Gene Summary:</b>	Catalyzes the stereoselective decarboxylation of 2-oxo-4-hydroxy-4-carboxy-5-ureidoimidazoline (OHCU) to (S)-allantoin.[UniProtKB/Swiss-Prot Function]