

Product datasheet for **SC200033**

PRPS1L1 (NM_175886) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PRPS1L1 (NM_175886) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PRPS1L1
Synonyms:	PRPS1; PRPS3; PRPSL; PRS-III
ACCN:	NM_175886
Insert Size:	86 bp
Insert Sequence:	>SC200033 3'UTR clone of NM_175886 The sequence shown below is from the reference sequence of NM_175886. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TCCTACCTGTTTCAGCCATGTTCCCTTTATACAGAATAACTTCTAGGTTATGCTATTTTAAAAATAAAATA AGATTAATAAAAAACAAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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_175886.3</u>



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Summary: This intronless gene is specifically expressed in the testis, and encodes a protein that is highly homologous to the two subunits of phosphoribosylpyrophosphate synthetase encoded by human X-linked genes, PRPS1 and PRPS2. These enzymes convert pyrimidine, purine or pyridine bases to the corresponding ribonucleoside monophosphates. In vitro transcription/translation and site-directed mutagenesis studies indicate that translation of this mRNA initiates exclusively at a non-AUG (ACG) codon. [provided by RefSeq, Jul 2008]

Locus ID: 221823

MW: 3.4