

## Product datasheet for **SC204527**

### Pyrophosphatase 1 (PPA1) (NM\_021129) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Pyrophosphatase 1 (PPA1) (NM_021129) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PPA1
Synonyms:	HEL-S-66p; IOPPP; PP; PP1; SID6-8061
ACCN:	NM_021129
Insert Size:	350 bp
Insert Sequence:	>SC204527 3'UTR clone of NM_021129 The sequence shown below is from the reference sequence of NM_021129. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GATAAGTGGTTCCATCACCAGAAAAACTAATGAGATTTCTCTGGAATACAAGCTGATATTGCTACATCG
TGTTTCATCTGGATGTATTAGAAGTAAAAGTAGTAGCTTTTCAAAGCTTTAAATTTGTAGAACTCATCTA
ACTAAAGTAAATTCTGCTGTGACTAATCCAATATACTCAGAATGTTATCCATCTAAAGCATTTTTCATA
TCTCAACTAAGATAACTTTTAGCACATGCTTAAATATCAAAGCAGTTGTCAATTTGGAAGTCACTTGTGA
ATAGATGTGCAAGGGGAGCACATATTGGATGTATATGTTACCATATGTTAGGAAATAAAATTATTTTGC
TGAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites:	Sgfl-MluI
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><a href="#">NM_021129.4</a></u>



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**Summary:** The protein encoded by this gene is a member of the inorganic pyrophosphatase (PPase) family. PPases catalyze the hydrolysis of pyrophosphate to inorganic phosphate, which is important for the phosphate metabolism of cells. Studies of a similar protein in bovine suggested a cytoplasmic localization of this enzyme. [provided by RefSeq, Jul 2008]

**Locus ID:** 5464

**MW:** 12.9