

## Product datasheet for **SC333483**

### ACYP1 (NM\_001302616) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ACYP1 (NM_001302616) Human Untagged Clone
Tag:	Tag Free
Symbol:	ACYP1
Synonyms:	ACYPE
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333483 representing NM_001302616. Blue=Insert sequence Red=Cloning site Green=Tag(s)

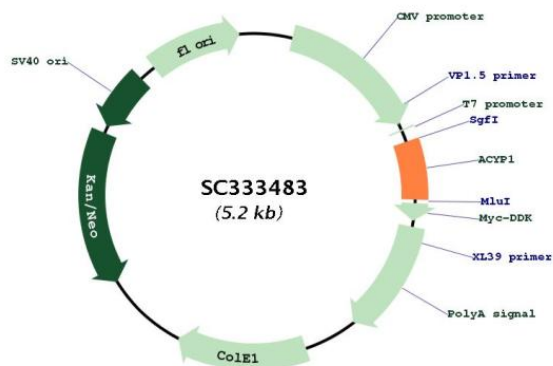
```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCAGAAGGAAACACCCTGATATCAGTGGATTATGAAATTTTGGGAAGGTGCAAGGGGTGTTTTTC
CGTAAGCATACTCAGGCTGAGGGTAAAAAGCTGGGATTGGTAGGCTGGTCCAGAACACTGACCGGGC
ACAGTGAAGGACAATTGCAAGGTCCCATCTCCAAGGTGCGTCATATGCAGGAATGGCTTGAAACAAGA
GGAAGTCCTAAATCACACATCGACAAAGCAAACCTCAACAATGAAAAAGTCATCTGAAGTTGGATTAC
TCAGACTTCAAATTGAAAAATAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



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## Plasmid Map:



**ACCN:** NM\_001302616

**Insert Size:** 300 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).

**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:**

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:	<a href="#">NM_001302616.1</a>
RefSeq Size:	619 bp
RefSeq ORF:	300 bp
Locus ID:	97
UniProt ID:	<a href="#">P07311</a>
Cytogenetics:	14q24.3
Protein Pathways:	Pyruvate metabolism
MW:	11.3 kDa
Gene Summary:	<p>This gene is a member of the acylphosphatase family. The encoded protein is a small cytosolic enzyme that catalyzes the hydrolysis of the carboxyl-phosphate bond of acylphosphates. Two isoenzymes have been isolated and described based on their tissue localization: erythrocyte (common) type acylphosphatase encoded by this gene, and muscle type acylphosphatase. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Both variants 1 and 3 encode the same protein.</p>