

## Product datasheet for **MC228358**

### **Pdp1 (NM\_001290387) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pdp1 (NM_001290387) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pdp1
Synonyms:	Gm1024; Ppm2c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**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:** [NM\\_001290387.1](#), [NP\\_001277316.1](#)

**RefSeq Size:** 4149 bp

**RefSeq ORF:** 1737 bp

**Locus ID:** 381511

**UniProt ID:** [Q3UV70](#)

**Cytogenetics:** 4 A1

**Gene Summary:** Catalyzes the dephosphorylation and concomitant reactivation of the alpha subunit of the E1 component of the pyruvate dehydrogenase complex.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (4) encodes the longest isoform (d).