

## Product datasheet for RR214670

### Pde4dip (NM\_022382) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pde4dip (NM_022382) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pde4dip
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR214670 representing NM_022382 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

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**Protein Sequence:**

>RR214670 representing NM\_022382  
 Red=Cloning site Green=Tags(s)

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EMKSFALMCTPAL
  
```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI



**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\\_022382.1](#), [NP\\_071777.1](#)

**RefSeq Size:** 6975 bp

**RefSeq ORF:** 6975 bp

**Locus ID:** 64183

**UniProt ID:** [Q9WUJ3](#)

**Cytogenetics:** 2q34

**MW:** 262 kDa

**Gene Summary:** targets cyclic nucleotide phosphodiesterase PDE4D to the Golgi/centrosome; may play a role in cAMP-dependent intracellular signaling [RGD, Feb 2006]