

## Product datasheet for **MC225276**

### Pde4dip (NM\_001110163) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pde4dip (NM_001110163) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pde4dip
Synonyms:	4732458A06Rik; 9430063L05Rik; C87016; D3Bwg1078e; D130016K21Rik; mKIAA0454; Usmg4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225276 representing NM_001110163 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**

ATGTCTAATGGATATCGCACTCTGTCCAGCACCTCAATGACTTGAAGAAGGAGAACTTCAGCCTCAAGC  
TGCGCATCTACTTCTGGAGGAGCGCATGCAACAGAAGTATGAAGTCAGCCGGGAGGATGTCTACAAGCG  
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AAAACATGGGCCGATGCAGAGGATCTCAACAGCCAGAATGAGGCAGAGCTCCGGCGCCAGGTTGAAGAAC  
GGCAGCAGGAGACAGAACACGTTTATGAGCTCCTAGGGAACAAGATCCAGCTGCTGCAGGAGGAACCCAG  
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GGGACCGAGACCATGACTTAGAGAGACTGCGTTGTGCTCTGCCCAATGAAGCTACCATGCAGAGCAT  
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ACAAGAGCTGCAGATGCTGCAGAAGCAGCTGGGAGAAAGTGTAGCATTGCCCTCCCGCTCCACATCC  
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CAAGGCTCTGAACACGCCCTAGAAGAGTCAACATCCCTACTCAACATGTTCTGGAGAGCAGCCTTGCCA  
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GAAAAGCATGGAACAATTCATCGTGAGCCATTTGACTAGGACCCATGATGTCTTGAAGAAAGCGCGGACT  
AATTTAGAGATGAATCCTTCAGGGCTCTGACGTGCACTCCGGCCTTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001110163
Insert Size:	6981 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:	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
RefSeq:	<u>NM_001110163.1, NP_001103633.1</u>

RefSeq Size: 8289 bp

RefSeq ORF: 6981 bp

Locus ID: 83679

Cytogenetics: 3 42.28 cM

Gene Summary: Functions as an anchor sequestering components of the cAMP-dependent pathway to Golgi and/or centrosomes (By similarity).[UniProtKB/Swiss-Prot Function]