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Product datasheet for MR218661

Pde4dip (NM_001110163) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pde4dip (NM_001110163) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pde4dip
Synonyms:	4732458A06Rik; 9430063L05Rik; C87016; D3Bwg1078e; D130016K21Rik; mKIAA0454; Usmg4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>MR218661 representing NM_001110163
Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

>MR218661 representing NM_001110163
Red=Cloning site Green=Tags(s)

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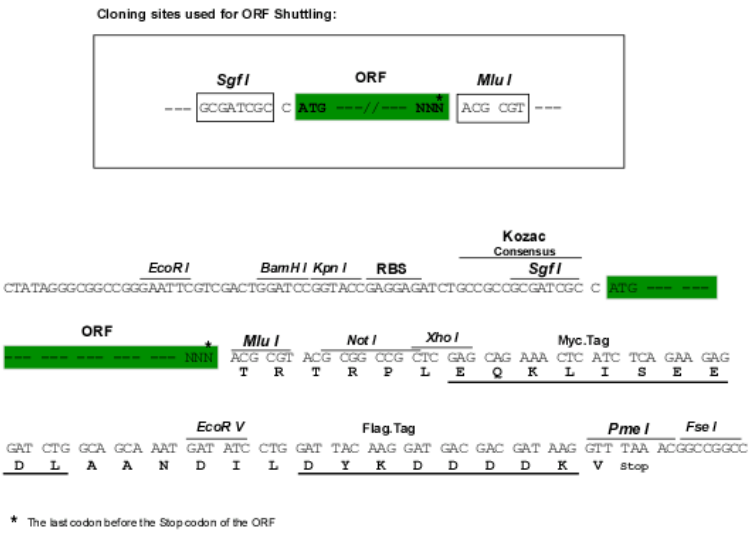
Chromatograms: https://cdn.origene.com/chromatograms/mm9041_a10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001110163

ORF Size: 6978 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: NM_001110163.1, NP_001103633.1

RefSeq Size: 8289 bp

RefSeq ORF: 6981 bp

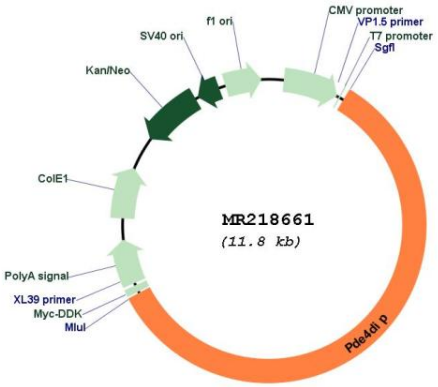
Locus ID: 83679

Cytogenetics: 3 42.28 cM

MW: 262.8 kDa

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

Product images:



Circular map for MR218661