

Product datasheet for MC223622

Pde4dip (NM_178080) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pde4dip (NM_178080) 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:	>MC223622 representing NM_178080 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAAGAGATTTGCAGGATCTGTGCCCGGAGCTGTGTGAAACCAGCGCGTGGATCTTTCATACCG
CGTCCAAGCTCAACCTCCAGGTTCTGCTTTCGCACGTCCTAGGCAAAGATGTCTCTCGTGATGGCAAAGC
CGAGTTTGCTGTAGCAAGTGCCTTTCATGCTCGATCGCATCTATCGATTGATGACTGTCATTGCCAGG
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CCAGTATGTATCGGAAGAATAATGATGACTCTGGCGAGGAGAACAAGCGGGGAGTGGGACAGTAGACAT
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AGAGTCCCAGAGGGAGCAAGCTTCTATTCCAGTGAATCCATCCTACCTGGAGCCAAGCCTGGCCATAT
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GGGCCAGGTGTTACGCACTCGACTAGAAGAAGTCTTGGAAAGCCTGGAGCGTTTAAGCAGGCTGGA
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_178080
- Insert Size:** 3357 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:** [NM_178080.4](#), [NP_835181.2](#)

RefSeq Size: 6200 bp

RefSeq ORF: 3357 bp

Locus ID: 83679

UniProt ID: [Q80YT7](#)

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]
Transcript Variant: This variant (2) has multiple differences in the UTRs and coding region compared to variant 5. The resulting isoform (2) has much shorter and distinct N- and C-termini compared to isoform 5.