

Product datasheet for **MR225520**

Pde10a (NM_011866) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pde10a (NM_011866) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pde10a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR225520 representing NM_011866
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAAGATGGACCCTCTAAACAATGCGAGTTGCTTCCGAAGGCTGACCGAGTGTTTCCTCAGCCCCAGTT
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 AAGGGCAGCTCGGATTCTACAATGCTGTGGCCATTCCTGCTATACCACCTTACGACAGATCCTCCACC
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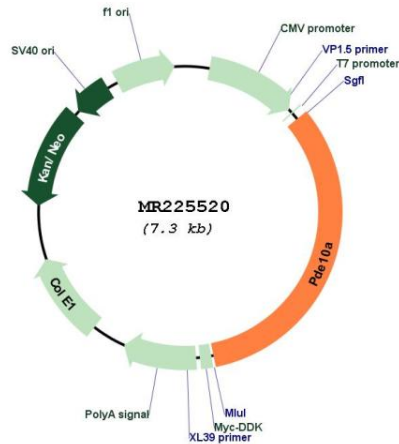
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Restriction Sites:

Sgfl-Mlul

Cytogenetics:	17 A1
MW:	90.8 kDa
Gene Summary:	Plays a role in signal transduction by regulating the intracellular concentration of cyclic nucleotides. Can hydrolyze both cAMP and cGMP, but has higher affinity for cAMP and is more efficient with cAMP as substrate. May play a critical role in regulating cAMP and cGMP levels in the striatum, a region of the brain that contributes to the control of movement and cognition.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR225520