

Product datasheet for RN213185

Ptger3 (NM_012704) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ptger3 (NM_012704) Rat Untagged Clone
Tag: Tag Free
Symbol: Ptger3
Synonyms: EP3; EP3R; Rep3; rEP3a; rEP3b
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN213185 representing NM_012704
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCGGCGTGTGGGCGCCGGAGCACTCGGTTGAAGCGCACAGCAACCAGTCAAGTGCTGCCGACGGCT
 GCGGCTCTGTGTCGTCGCTTCCCATCACCATGATGGTCACTGGCTTCGTGGGCAACGCGCTGGCCAT
 GTTGCTTGTGTCGCGCAGCTATAGACGCCGGGAGAGCAAACGCAAAAAGTCTTTCCTGCTGTGCATTGGC
 TGGCTGGCGCTCACCGACTTGGTGGGCGAGCTCCTGACCAGTCCGGTGGTATCCTCGTGTACCTGTGCGC
 AGCGAGCTGGGAGCAACTCGACCCATCGGGGCGCCTGTGCACCTTCTTCGGGCTGACCATGACAGTGTT
 CGGACTGTCTCGCTCTTGGTGGCCAGCGCCATGGCCGTGGAGCGCGCCCTGGCTATCCGTGCGCCGAC
 TGGTATGCCAGCCACATGAAGACTCGCGCCACGCGCGGTAAGTCTGGGTGTGTGGCTGTCTGTGCTCG
 CCTTCGCGCTGTGCCTGTGCTGGGCGTGGGCCGCTACAGCGTGCAGTGGCCCGGACGTGGTGTCTCAT
 CAGCACCGGGCCGGCGGCAACGAGACGGACTCTGCGCGGGAGCCGGGACGCGTGGCCTTTCCTCCGCC
 TTCGCCTGTCTAGGCTTGTGCTGCTGGTGTGACCTTTCCTGCAACCTGGCGACCATCAAAGCCCTGG
 TGTCCCCTGCCGGCCAAAGCCCGCCTCGCAGTCCAGCGCCAGTGGGGCCGGATCACCACGGAGAC
 GGCTATCCAGCTTATGGGATCATGTGTACTGTCCGTCTGCTGGTCCCGCTATTGATAATGATGCTG
 AAAATGATCTTCAATCAGATGTCAGTAGAGCAATGCAAGACAGATGGGAAAGGAGAAGGAGTGAAT
 CCTTCTAATCGCGTTTCGCTGGCTTCGCTGAACAGATCTTGGATCCCTGGGTTTATCTGCTGCTAAG
 AAAGATCCTTCTCGAAAGTTCTGCCAGATGATGAACAACCTGAAGCGGAGTTTCATTGCAATACCTGCT
 TCCTGAGTATGAGAATTTCTCCCCAGGAAGG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3172_h04.zip



[View online >](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_012704
Insert Size:	1089 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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"> 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_012704.1 , NP_036836.1
RefSeq Size:	1253 bp
RefSeq ORF:	1089 bp
Locus ID:	24929
UniProt ID:	P34980
Cytogenetics:	2q45
Gene Summary:	receptor that binds prostaglandins E2 and E1; may be involved in natriuresis [RGD, Feb 2006]