

Product datasheet for RN209190

Ptges (NM_021583) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ptges (NM_021583) Rat Untagged Clone
Tag: Tag Free
Symbol: Ptges
Synonyms: Pges
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209190 representing NM_021583
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGACTCCCTGGGTTTGGTGATGGAGAACAGCCAGGTGCTCCCCGCCTTCTGCTCTGCAGCACACTGC
 TGGTCATCAAGATGTACGCGGTGGCTGTCATCACAGGCCAAGTCAGGCTCGGGAAGAAGGCTTTTGCCAA
 CCCCAGGACCGGTTGAAACGTGGAGGTCTCCAGTACTGCAGGAGTGACCCAGATGTGGAGCGCTGCCTC
 AGAGCCCACCGCAACGACATGGAGACGATCTACCCCTTCTCTTCCCTTGGTTTCGTCTACTCATTCTGG
 GACCCAACCTCTCATCGCTGGATACATTTCTCGTGGTCTCACAGGCCGTGGTACACACCGTGGC
 CTACCTGGGCAAATGAACCCACGCATTCTCGTCCGGGCCTATGTTCTGGCCAGTTCGCTGTTTCTCC
 ATGGCCCTACAGATCCTCTGGGAAGTGGCCACCATCTG**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_021583

Insert Size: 462 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).



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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:	<u>NM_021583.3</u> , <u>NP_067594.1</u>
RefSeq Size:	1254 bp
RefSeq ORF:	462 bp
Locus ID:	59103
UniProt ID:	<u>Q9JHF3</u>
Cytogenetics:	3p12
Gene Summary:	catalyzes the conversion of PGH(2) to PGE(2) in prostaglandin biosynthesis [RGD, Feb 2006]