

Product datasheet for MC209255

Ptger1 (NM_013641) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptger1 (NM_013641) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ptger1
Synonyms:	42kDa; EP1; Ptgerrep1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209255 representing NM_013641 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCCCTGCGGGCTTAACCTGAGCCTAGCGGATGAGGCAGCAACGTGCGCAACACCCAGGCTCCCCA
ATACATCTGTGGTGTGCCAACAGGCGATAATGGCACATCACCAGCGCTGCCTATCTTCTCCATGACGCT
GGGTGTGTGTCCAACGTGCTGGCGCTGGCGTCTGGCCAGGTTGCAGGCCGAATGCGGCGCGCCGC
TCGGCTGCCACCTTCTGTGTTTCGTCGCCAGCCTGCTTGCCATCGACCTAGCAGGCCATGTGATCCCGG
GCGCCCTGGTGTTCGCCTGTATACTGCGGGCGTGCCTGCTGGAGGGCGTGCATTCTCTGGGTGG
CTGCATGGTCTTCTCGCCTGTGCCACTTTTGCCTGGCTGTGGCATGGCCGTAGAGCGCTGTGTGGT
GTCACGCAGCCACTGATCCACGCGCGCGCGTATCTGTGGCCCGCGCACGCCCTGGCACTAGCCGTGCTGG
CTGCCATGGCTTTGGCAGTGGCGCTGCTGCCACTGGTACACGTGGGTGCGTACGAGTTACAGTACCCCTGG
CACCTGGTGTATTAGCCTTGGGCCTCGTGGAGGTTGGCGCCAGGCGTTGCTTGGCGGCTCTTCGCC
GGCCTTGGCCTGGCCGCGCTCCTTGCAGCATTAGTGTGCAATACGCTCAGCGGCTGGCGCTCCTCCGTG
CCCCTGGAGACGGCGTCTCGACGATTCCGAAAGACCGCAGGTCGGATGATCGCCGGCGCTGGGG
ATCTCGTGACCCCGCTTGGCCTCCGCCTCGTCTGCCTCATCCATCACTTACGCCACAGCCACCCCTCCG
AGCTCTCGGGCGCGGGCTCCGCGCGCAGGGTTCACGCACACGATGTGAAATGGTGGCCAGCTCGTGG
GCATCATGGTGGTGTCTGCATCTGCTGGAGCCCTGCTGGTGTGGTGGTGGTGGCCATCGGGGGCTG
GAACTCTAACTCCCTGCAGCGGCCACTCTTCTGGCTGTACGCCTCGCATCGTGAACCAGATCCTGGAC
CCATGGGTGTACATCCTGCTGCGCCAGGCCATGCTGCGCAACTGCTTCCCTCCTACCCCTGAGGGTCA
GTGCCAAGGGTGGTCCAACGGAGCTGGGCCTAACCAAGAGTGCCTGGGAAGCCAGTTCCTGCGTAGTTC
CCGGCACAGTGGTTTCAGTCACCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_013641
Insert Size:	1218 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:	<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:	BC138739 , AAI38740
RefSeq Size:	1978 bp
RefSeq ORF:	1218 bp
Locus ID:	19216
UniProt ID:	P35375
Cytogenetics:	8 40.22 cM
Gene Summary:	Receptor for prostaglandin E2 (PGE2). The activity of this receptor is mediated by G(q) proteins which activate a phosphatidylinositol-calcium second messenger system. May play a role as an important modulator of renal function. Implicated the smooth muscle contractile response to PGE2 in various tissues.[UniProtKB/Swiss-Prot Function]