

Product datasheet for **SC201077**

EP1 (PTGER1) (NM_000955) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	EP1 (PTGER1) (NM_000955) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PTGER1
Synonyms:	EP1
ACCN:	NM_000955
Insert Size:	124 bp
Insert Sequence:	>SC201077 3'UTR clone of NM_000955 The sequence shown below is from the reference sequence of NM_000955. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TCCCGGCACAGCGCCTCAGCCACTTCTAAGCACAACAGAGGCCCAACGACTAAGCCAGCCCACCCTG GGCTGGGCCAGGTGCGCGCGCAGAGCCTTTGGGAATAAAAAGCCATTCTGCGA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_000955.3</u>



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Summary: The protein encoded by this gene is a member of the G protein-coupled receptor family. This protein is one of four receptors identified for prostaglandin E2 (PGE2). Through a phosphatidylinositol-calcium second messenger system, G-Q proteins mediate this receptor's activity. Knockout studies in mice suggested a role of this receptor in mediating algesia and in regulation of blood pressure. Studies in mice also suggested that this gene may mediate adrenocorticotrophic hormone response to bacterial endotoxin. [provided by RefSeq, Jul 2008]

Locus ID: 5731

MW: 4.4