

## Product datasheet for **MR226174L3V**

### **Ptger4 (NM\_008965) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Ptger4 (NM_008965) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ptger4
Synonyms:	EP4; Ptger4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_008965
ORF Size:	1539 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226174).
OTI Disclaimer:	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. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_008965.2</a> , <a href="#">NP_032991.1</a>
RefSeq Size:	2442 bp
RefSeq ORF:	1542 bp
Locus ID:	19219
UniProt ID:	<a href="#">P32240</a>
Cytogenetics:	15 1.99 cM



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**Gene Summary:**

Receptor for prostaglandin E2 (PGE2). The activity of this receptor is mediated by G(s) proteins that stimulate adenylate cyclase. Has a relaxing effect on smooth muscle. May play an important role in regulating renal hemodynamics, intestinal epithelial transport, adrenal aldosterone secretion, and uterine function.[UniProtKB/Swiss-Prot Function]