

Product datasheet for **MR212129L4V**

Ptger2 (NM_008964) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ptger2 (NM_008964) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ptger2
Synonyms:	EP2; Ptgerep2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008964
ORF Size:	1086 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR212129).
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. More info
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:	NM_008964.3
RefSeq Size:	2618 bp
RefSeq ORF:	1089 bp
Locus ID:	19217
UniProt ID:	Q62053
Cytogenetics:	14 22.68 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. The subsequent raise in intracellular cAMP is responsible for the relaxing effect of this receptor on smooth muscle.[UniProtKB/Swiss-Prot Function]