

Product datasheet for **RC222983L4V**

PTGER3 (NM_198719) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | PTGER3 (NM_198719) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | PTGER3 |
| Synonyms: | EP3; EP3-I; EP3-II; EP3-III; EP3-IV; EP3-VI; EP3e; Inc003875; PGE2-R |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_198719 |
| ORF Size: | 1170 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC222983). |
| 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_198719.1 |
| RefSeq Size: | 2353 bp |
| RefSeq ORF: | 1173 bp |
| Locus ID: | 5733 |
| UniProt ID: | P43115 |
| Cytogenetics: | 1p31.1 |
| Protein Families: | Druggable Genome, GPCR, Transcription Factors, Transmembrane |
| Protein Pathways: | Calcium signaling pathway, Neuroactive ligand-receptor interaction |



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MW: 43.1 kDa

Gene 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). This receptor may have many biological functions, which involve digestion, nervous system, kidney reabsorption, and uterine contraction activities. Studies of the mouse counterpart suggest that this receptor may also mediate adrenocorticotrophic hormone response as well as fever generation in response to exogenous and endogenous stimuli. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2009]