

## Product datasheet for RC201254L2V

## OriGene Technologies, Inc.

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## p23 (PTGES3) (NM\_006601) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

Product Type: Lentiviral Particles

**Product Name:** p23 (PTGES3) (NM\_006601) Human Tagged ORF Clone Lentiviral Particle

Symbol: p23

**Synonyms:** cPGES; P23; TEBP

Mammalian Cell

Selection:

None

**Vector:** pLenti-C-mGFP (PS100071)

Tag: mGFP

**ACCN:** NM\_006601

ORF Size: 480 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC201254).

Sequence:

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: <u>NM 006601.4</u>

 RefSeq Size:
 2045 bp

 RefSeq ORF:
 483 bp

 Locus ID:
 10728

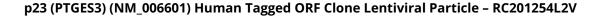
 UniProt ID:
 Q15185

Cytogenetics: 12

**Protein Families:** Druggable Genome, Nuclear Hormone Receptor

**MW:** 18.7 kDa







**Gene Summary:** 

This gene encodes an enzyme that converts prostaglandin endoperoxide H2 (PGH2) to prostaglandin E2 (PGE2). This protein functions as a co-chaperone with heat shock protein 90 (HSP90), localizing to response elements in DNA and disrupting transcriptional activation complexes. Alternative splicing results in multiple transcript variants. There are multiple pseudogenes of this gene on several different chromosomes. [provided by RefSeq, Feb 2016]