

## Product datasheet for **RC201254L2V**

### **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 Sequence:	The ORF insert of this clone is exactly the same as(RC201254).
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_006601.4</a>
RefSeq Size:	2045 bp
RefSeq ORF:	483 bp
Locus ID:	10728
UniProt ID:	<a href="#">Q15185</a>
Cytogenetics:	12
Protein Families:	Druggable Genome, Nuclear Hormone Receptor
MW:	18.7 kDa



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**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]