

## Product datasheet for **RC221207L2V**

### PTGES2 (NM\_025072) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PTGES2 (NM_025072) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PTGES2
Synonyms:	C9orf15; GBF-1; GBF1; mPGES-2; PGES2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_025072
ORF Size:	1131 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221207).
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_025072.4</a> , <a href="#">NP_079348.1</a>
RefSeq Size:	2120 bp
RefSeq ORF:	1134 bp
Locus ID:	80142
UniProt ID:	<a href="#">Q9H7Z7</a>
Cytogenetics:	9q34.11
Protein Pathways:	Arachidonic acid metabolism, Metabolic pathways
MW:	41.8 kDa


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**Gene Summary:**

The protein encoded by this gene is a membrane-associated prostaglandin E synthase, which catalyzes the conversion of prostaglandin H2 to prostaglandin E2. This protein also has been shown to activate the transcription regulated by a gamma-interferon-activated transcription element (GATE). Multiple transcript variants have been found for this gene. [provided by RefSeq, Jun 2009]