

Product datasheet for **RC228235L4V**

PTGR1 (NM_001146109) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PTGR1 (NM_001146109) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PTGR1
Synonyms:	DIG-1; LTB4DH; PGR1; ZADH3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001146109
ORF Size:	903 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228235).
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_001146109.1 , NP_001139581.1
RefSeq ORF:	906 bp
Locus ID:	22949
UniProt ID:	Q14914
Cytogenetics:	9q31.3
Protein Families:	Druggable Genome
MW:	32.7 kDa



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Gene Summary:

This gene encodes an enzyme that is involved in the inactivation of the chemotactic factor, leukotriene B4. The encoded protein specifically catalyzes the NADP⁺ dependent conversion of leukotriene B4 to 12-oxo-leukotriene B4. A pseudogene of this gene is found on chromosome 1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2009]