

Product datasheet for **RC204725L4V**

HPGDS (NM_014485) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HPGDS (NM_014485) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HPGDS
Synonyms:	GSTS; GSTS1; GSTS1-1; PGD2; PGDS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014485
ORF Size:	597 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204725).
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_014485.2
RefSeq Size:	1615 bp
RefSeq ORF:	600 bp
Locus ID:	27306
UniProt ID:	O60760
Cytogenetics:	4q22.3
Domains:	GST_N, GST_C
Protein Pathways:	Arachidonic acid metabolism, Metabolic pathways



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MW: 23.3 kDa

Gene Summary: Prostaglandin-D synthase is a sigma class glutathione-S-transferase family member. The enzyme catalyzes the conversion of PGH₂ to PGD₂ and plays a role in the production of prostanoids in the immune system and mast cells. The presence of this enzyme can be used to identify the differentiation stage of human megakaryocytes. [provided by RefSeq, Jul 2008]