

Product datasheet for **MR220403L3V**

Hpgds (NM_019455) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Hpgds (NM_019455) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Hpgds |
| Synonyms: | H-PGDS; Ptgds2 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_019455 |
| ORF Size: | 597 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR220403). |
| 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_019455.4 , NP_062328.3 |
| RefSeq Size: | 3298 bp |
| RefSeq ORF: | 600 bp |
| Locus ID: | 54486 |
| UniProt ID: | Q9JHF7 |
| Cytogenetics: | 6 C1 |



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Gene Summary:

Bifunctional enzyme which catalyzes both the conversion of PGH2 to PGD2, a prostaglandin involved in smooth muscle contraction/relaxation and a potent inhibitor of platelet aggregation, and the conjugation of glutathione with a wide range of aryl halides and organic isothiocyanates. Also exhibits low glutathione-peroxidase activity.[UniProtKB/Swiss-Prot Function]