

## Product datasheet for **MR207098L4V**

### **Pdia6 (NM\_027959) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Pdia6 (NM_027959) Mouse Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Pdia6  |
| Synonyms:                 | 1700015E05Rik; AL023058; C77895; CaBP5; P5; Txndc7   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_027959  |
| ORF Size:                 | 1338 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR207098).   |
| 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_027959.1</a> , <a href="#">NP_082235.1</a>  |
| RefSeq Size:              | 2125 bp  |
| RefSeq ORF:               | 1338 bp  |
| Locus ID:                 | 71853  |
| UniProt ID:               | <a href="#">Q922R8</a>   |
| Cytogenetics:             | 12 A1.1  |



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**Gene Summary:**

May function as a chaperone that inhibits aggregation of misfolded proteins (PubMed:24508390). Negatively regulates the unfolded protein response (UPR) through binding to UPR sensors such as ERN1, which in turn inactivates ERN1 signaling (By similarity). May also regulate the UPR via the EIF2AK3 UPR sensor (By similarity). Plays a role in platelet aggregation and activation by agonists such as convulxin, collagen and thrombin (By similarity).[UniProtKB/Swiss-Prot Function]