

## Product datasheet for **MR202570L4V**

### **Pithd1 (NM\_025411) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Pithd1 (NM_025411) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pithd1
Synonyms:	1110049F12Rik; AA408179; Trp26
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025411
ORF Size:	636 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202570).
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_025411.2</a> , <a href="#">NP_079687.3</a>
RefSeq Size:	1554 bp
RefSeq ORF:	636 bp
Locus ID:	66193
UniProt ID:	<a href="#">Q8BWR2</a>
Cytogenetics:	4 D3



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**Gene Summary:**

Promotes megakaryocyte differentiation by up-regulating RUNX1 expression (PubMed:25134913). Regulates RUNX1 expression by activating the proximal promoter of the RUNX1 gene and by enhancing the translation activity of an internal ribosome entry site (IRES) element in the RUNX1 gene (By similarity).[UniProtKB/Swiss-Prot Function]