

## Product datasheet for **RR208835L3V**

### **Pmaip1 (NM\_001008385) Rat Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Pmaip1 (NM_001008385) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Pmaip1
Synonyms:	Noxa
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001008385
ORF Size:	315 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR208835).
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_001008385.1</a> , <a href="#">NP_001008386.1</a>
RefSeq Size:	318 bp
RefSeq ORF:	318 bp
Locus ID:	492821
UniProt ID:	<a href="#">Q5U777</a>
Cytogenetics:	18q12.1



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**Gene Summary:**

Promotes activation of caspases and apoptosis. Promotes mitochondrial membrane changes and efflux of apoptogenic proteins from the mitochondria. Contributes to p53/TP53-dependent apoptosis after radiation exposure. Promotes proteasomal degradation of MCL1. Competes with BAK1 and with BIM/BCL2L11 for binding to MCL1; can displace BAK1 and BIM/BCL2L11 from their binding sites (By similarity).[UniProtKB/Swiss-Prot Function]