

## Product datasheet for **KN200009RB**

### PPME1 Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	PPME1
Locus ID:	51400
Components:	<b>KN200009G1</b> , PPME1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN200009G2</b> , PPME1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN200009RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector

**Disclaimer:** These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.

**RefSeq:** [NM\\_001271593](#), [NM\\_016147](#)

**UniProt ID:** [Q9Y570](#)

**Synonyms:** PME-1

**Summary:** This gene encodes a protein phosphatase methyltransferase localized to the nucleus. The encoded protein acts on the protein phosphatase-2A catalytic subunit and supports the ERK pathway through dephosphorylation of regulatory proteins. It plays a role in malignant glioma progression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2012]



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## Product images:

