

Product datasheet for TR310217

PPP4C Human shRNA Plasmid Kit (Locus ID 5531)

Product data:

OriGene Technologies, Inc.

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5531). 5µg purified plasmid DNA 29-mer scrambled shRNA cassettRefSeq:NM 001303503, NM 001303504, NM 002720.2, BC001416, BC0014UniProt ID:P60510Summary:Protein phosphatase that is invol centrosomes, maturation of splice factor (TNF)-alpha signaling, activ histone acetylation, DNA damage migration. The PPP4C-PPP4R1 PP regulation of HDAC3. The PPP4C- dephosphorylates H2AFX phosph replication and required for DNA	
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similarity). In response to DNA da	ved in many processes such as microtubule organization at eosomal snRNPs, apoptosis, DNA repair, tumor necrosis ation of c-Jun N-terminal kinase MAPK8, regulation of checkpoint signaling, NF-kappa-B activation and cell 4 complex may play a role in dephosphorylation and PPP4R2-PPP4R3A PP4 complex specifically orylated on Ser-140 (gamma-H2AFX) generated during DNA double strand break repair. Dephosphorylates NDEL1 at negatively regulates CDK1 activity in interphase (By mage, catalyzes RPA2 dephosphorylation, an essential step efficient RPA2-mediated recruitment of RAD51 to Function]
shRNA Design:These shRNA constructs were de be certain that your variant of int If you need a special design or sh	igned against multiple splice variants at this gene locus. To



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CRIGENE PPP4C Human shRNA Plasmid Kit (Locus ID 5531) – TR310217

Performance Guaranteed: OriGene guarantees that the sequences in the shRNA expression cassettes are verified to correspond to the target gene with 100% identity. One of the four constructs at minimum are guaranteed to produce 70% or more gene expression knock-down provided a minimum transfection efficiency of 80% is achieved. Western Blot data is recommended over qPCR to evaluate the silencing effect of the shRNA constructs 72 hrs post transfection. To properly assess knockdown, the gene expression level from the included scramble control vector must be used in comparison with the target-specific shRNA transfected samples.

For non-conforming shRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the shRNA kit. To arrange for a free replacement with newly designed constructs, please contact Technical Services at techsupport@origene.com. Please provide your data indicating the transfection efficiency and measurement of gene expression knockdown compared to the scrambled shRNA control (Western Blot data preferred).

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