

Product datasheet for TL505451

Rnf123 Mouse shRNA Plasmid (Locus ID 84585)

Product data:

OriGene Technologies, Inc.

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Product Type:shRNA PlasmidsProduct Name:Rnf123 Mouse shRNA Plasmid (Locus ID 84585)Locus ID:84585Synonyms:BC003945; Kpc1Vector:opFP-C-shLenti (TR30023)E. coli Selection:Chloramphenicol (34 ug/ml)Mammalian Cell Selection:Lentiviral plasmidsFormat:Lentiviral plasmidsGomponents:Rnf123 - Mouse, 4 unique 29mer shRNA constructs in lentiviral GFP vector(Gene ID 84585), Syg purified plasmid DNA per construct 29-mer scrambled shRNA cassette in pGFP-C-shLenti Vector, TR30021, included for free.RefSeq:Q5XPl3LniProt ID:Q5XPl3Summary:Catalytic subunit of the KPC complex that acts as E3 ubiquitin-protein ligase. Required for poly-ubiquitination and proteasome-mediated degradation of CDKN1B during G1 phase of the cell cycle.[UniProtKB/Swiss-Prot Function]shRNA Design:These shRNA constructs were designed against multiple splice variants at this gene locus. To be certain that your variant of interest is targeted, please contact techsupport@origene.com fyou need a special design or shRNA sequence, please utilize our custom shRNA service.		
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CRIGENE Rnf123 Mouse shRNA Plasmid (Locus ID 84585) – TL505451

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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