

HuSH shRNA Plasmid, pGFP-B-RS

pGFP-B-RS shRNA Cloning Plasmid Catalog # TR30018

Product Description:

- Plasmid vector for cloning shRNA expression cassettes
- Designed for long term gene silencing studies
- Kanamycin and Blasticidin resistance markers for easy selection of transformed or transfected cells
- U6 polymerase III promoter for shRNA expression
- MMLV LTR sequences for packaging into retroviral particles
- EcoRI and HindIII sites convenient for shuttling existing HuSH cassettes

Content: Each vial contains 5 ug of dried and purified plasmid DNA.

Storage and Stability: The plasmid is stable for at least 1 yr at –20°C from the date of shipment.

Guarantee: This product is guaranteed for the correct sequences and listed functions.

Related Products: Specific HuSH constructs are available at OriGene covering the full human and mouse genomes.

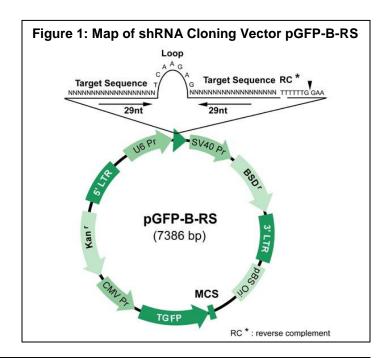
Quality Control Assays

<u>DNA Quantitation:</u> The concentration of the purified plasmid was determined at OD₂₆₀ by a UV spectrometer.

<u>DNA Sequence Analysis:</u> The final purified plasmid was sequenced to confirm its identity.

Functional Analysis:

- Cloning: the pGFP-B-RS plasmid was digested with BamHI and HindIII and the digested fragment isolated. Multiple shRNA expression cassettes were cloned into this plasmid.
- Inhibition of target gene: shRNA constructs cloned into pGFP-B-RS were verified for inhibition of target genes.
- Stable cell lines: pGFP-B-RS was verified to generate stable cell lines using direct transfection.



Terms of Use

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