

Product datasheet for TL312341

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AGFG1 Human shRNA Plasmid Kit (Locus ID 3267)

Product data:

Product Type: shRNA Plasmids

Product Name: AGFG1 Human shRNA Plasmid Kit (Locus ID 3267)

Locus ID: 3267

Synonyms: HRB; RAB; RIP

Vector: pGFP-C-shLenti (TR30023)

E. coli Selection: Chloramphenicol (34 ug/ml)

Mammalian Cell

Selection:

Puromycin

Format: Lentiviral plasmids

Components: AGFG1 - Human, 4 unique 29mer shRNA constructs in lentiviral GFP vector(Gene ID = 3267).

5µg purified plasmid DNA per construct

29-mer scrambled shRNA cassette in pGFP-C-shLenti Vector, TR30021, included for free.

RefSeq: NM 001135187, NM 001135188, NM 001135189, NM 004504, NM 004504.1, NM 004504.2,

NM 004504.3, NM 004504.4, NM 001135189.1, NM 001135188.1, NM 001135187.1, BC030592, BC030592.2, BC039332, BC045581, BC096272, BC096273, BC096274, BC096275,

BM474292, NM 001135187.2, NM 001135189.2, NM 001135188.2, NM 004504.5

UniProt ID: P52594

Summary: The protein encoded by this gene is related to nucleoporins, a class of proteins that mediate

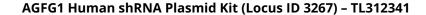
nucleocytoplasmic transport. The encoded protein binds the activation domain of the human

immunodeficiency virus Rev protein when Rev is assembled onto its RNA target, and is required for the nuclear export of Rev-directed RNAs. Multiple transcript variants encoding

different isoforms have been found for this gene. [provided by RefSeq, Sep 2008]

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 <u>techsupport@origene.com</u>. If you need a special design or shRNA sequence, please utilize our <u>custom shRNA service</u>.





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).