OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TR308206

ZNF235 Human shRNA Plasmid Kit (Locus ID 9310)

Product data:

Product Type:	shRNA Plasmids
Product Name:	ZNF235 Human shRNA Plasmid Kit (Locus ID 9310)
Locus ID:	9310
Synonyms:	ANF270; HZF6; ZFP93; ZNF270
Vector:	pRS (TR20003)
E. coli Selection:	Ampicillin
Mammalian Cell Selection:	Puromycin
Format:	Retroviral plasmids
Components:	ZNF235 - Human, 4 unique 29mer shRNA constructs in retroviral untagged vector(Gene ID = 9310). 5µg purified plasmid DNA per construct 29-mer scrambled shRNA cassette in pRS Vector, TR30012, included for free.
RefSeq:	NM_004234, NM_004234.3, NM_004234.4, BC002663, BC002800, BC105807, BC117215, BC143482, BC143484
UniProt ID:	Q14590
Summary:	This gene product belongs to the zinc finger protein superfamily, members of which are regulatory proteins characterized by nucleic acid-binding zinc finger domains. The encoded protein is a member of the Kruppel family of zinc finger proteins, and contains Kruppel-associated box (KRAB) A and B domains and 15 tandemly arrayed C2H2-type zinc fingers. It is an ortholog of the mouse Zfp93 protein. This gene is located in a cluster of zinc finger genes on 19q13.2. [provided by RefSeq, Jul 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 techsupport@origene.com. If you need a special design or shRNA sequence, please utilize our custom shRNA service.

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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).