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 TR313137

EXOC6 Human shRNA Plasmid Kit (Locus ID 54536)

Product data:

Product Type:	shRNA Plasmids
Product Name:	EXOC6 Human shRNA Plasmid Kit (Locus ID 54536)
Locus ID:	54536
Synonyms:	EXOC6A; SEC15; SEC15L; SEC15L1; SEC15L3; Sec15p
Vector:	pRS (TR20003)
E. coli Selection:	Ampicillin
Mammalian Cell Selection:	Puromycin
Format:	Retroviral plasmids
Components:	EXOC6 - Human, 4 unique 29mer shRNA constructs in retroviral untagged vector(Gene ID = 54536). 5µg purified plasmid DNA per construct 29-mer scrambled shRNA cassette in pRS Vector, TR30012, included for free.
RefSeq:	NM_001013848, NM_001319194, NM_001319195, NM_001319200, NM_019053, NM_019053.1, NM_019053.2, NM_019053.3, NM_019053.4, NM_019053.5, NM_001013848.1, NM_001013848.2, NM_001013848.3, BC028395, BC028395.2, BC041403, BM148225, BM979273, NM_019053.6
UniProt ID:	Q8TAG9
Summary:	The protein encoded by this gene is highly similar to the Saccharomyces cerevisiae SEC15 gene product, which is essential for vesicular traffic from the Golgi apparatus to the cell surface in yeast. It is one of the components of a multiprotein complex required for exocytosis. The 5' portion of this gene and two neighboring cytochrome p450 genes are included in a deletion that results in an autosomal-dominant form of nonsyndromic optic nerve aplasia (ONA). Alternative splicing and the use of alternative promoters results in multiple transcript variants. A paralogous gene encoding a similar protein is present on chromosome 2. [provided by RefSeq, Jan 2016]
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.

View online »

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).