

## Product datasheet for **TL312368V**

### HOOK2 Human shRNA Lentiviral Particle (Locus ID 29911)

#### Product data:

Product Type:	shRNA Lentiviral Particles
Product Name:	HOOK2 Human shRNA Lentiviral Particle (Locus ID 29911)
Locus ID:	29911
Synonyms:	HK2
Vector:	pGFP-C-shLenti (TR30023)
Format:	Lentiviral particles
Components:	HOOK2 - Human shRNA lentiviral particles (4 unique 29mer target-specific shRNA, 1 scramble control), 0.5 ml each, >10 <sup>7</sup> TU/ml.
RefSeq:	<a href="#">NM_001100176</a> , <a href="#">NM_013312</a> , <a href="#">NM_013312.1</a> , <a href="#">NM_013312.2</a> , <a href="#">NM_001100176.1</a> , <a href="#">BC012443</a> , <a href="#">BC012443.1</a> , <a href="#">NM_001100176.2</a> , <a href="#">NM_013312.3</a>
UniProt ID:	<a href="#">Q96ED9</a>
Summary:	Hook proteins are cytosolic coiled-coil proteins that contain conserved N-terminal domains, which attach to microtubules, and more divergent C-terminal domains, which mediate binding to organelles. The Drosophila Hook protein is a component of the endocytic compartment.[supplied by OMIM, Apr 2004]
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 <a href="mailto:techsupport@origene.com">techsupport@origene.com</a> . If you need a special design or shRNA sequence, please utilize our <a href="#">custom shRNA service</a> .



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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](mailto: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).