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Product datasheet for TL500995V

Hrh1 Mouse shRNA Lentiviral Particle (Locus ID 15465)

Product data:

Product Type:	shRNA Lentiviral Particles
Product Name:	Hrh1 Mouse shRNA Lentiviral Particle (Locus ID 15465)
Locus ID:	15465
Synonyms:	Bphs; H1R; HH1R; Hir
Vector:	pGFP-C-shLenti (TR30023)
Format:	Lentiviral particles
Components:	Hrh1 - Mouse shRNA lentiviral particles (4 unique 29mer target-specific shRNA, 1 scramble control), 0.5 ml each, >10^7 TU/ml.
RefSeq:	NM_001252642, NM_001252643, NM_001317124, NM_001317125, NM_001317126, NM_008285, NM_008285.1, NM_008285.2, NM_008285.3, NM_008285.4, NM_001252642.1, NM_001252642.2, NM_001252643.1, NM_001252643.2, BC140314, BC146472
UniProt ID:	P70174
Summary:	In peripheral tissues, the H1 subclass of histamine receptors mediates the contraction of smooth muscles, increase in capillary permeability due to contraction of terminal venules, and catecholamine release from adrenal medulla, as well as mediating neurotransmission in the central nervous system. Involved in circadian rhythm of locomotor activity and exploratory behavior. Also involved in responsiveness to pertussis toxin through its control of susceptibility to histamine hypersensitivity and enhancement of antigen-specific delayed-type hypersensitivity responses.[UniProtKB/Swiss-Prot Function]
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).