

Product datasheet for TL709649

Trhr Rat shRNA Plasmid (Locus ID 25570)

Product data:

OriGene Technologies, Inc.

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Product Type:shRNA PlasmidsProduct Name:Trhr Rat shRNA Plasmid (Locus ID 25570)Locus ID:25570Vector:pGFP-cshLenti (TR30023)F. coli Selection:Chloramphenicol (34 ug/ml)Mammalian CellPuromycinSelection:Entiviral plasmidsFormat:Lentiviral plasmidsComponents:Trhr - Rat, 4 unique 29mer shRNA constructs in lentiviral GFP vector(Gene ID = 25570). Spg purified plasmid DNA per construct 29-mer scrambled shRNA cassette in pGFP-C-shLenti Vector, TR30021, included for free.RefSeq:NM 013047, NM 013047.1, NM 013047.3, NM 013047.3UniProt ID:001717Summary:regulates thyroid gland function; mediates phospholipase C activation and increased intracellular calcium (RGD, Feb 2006)shRNA Design:Shes shRNA constructs were designed against multiple splice variants at this gene locus. Sp ecertain that your variant of interest is targeted, please contact techsupport@origen.ccm		
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CRIGENE Trhr Rat shRNA Plasmid (Locus ID 25570) – TL709649

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).

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