

Product datasheet for TL509551

Ifnar1 Mouse shRNA Plasmid (Locus ID 15975)

Product data:

OriGene Technologies, Inc.

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Product Type:shRNA PlasmidsProduct Name:Ifnar1 Mouse shRNA Plasmid (Locus ID 15975)Locus ID:15975Synonyms:CD118; Ifar; Ifnar; Ifrc; InfarVector:pGFP-C-shLenti (TR30023)E. coli Selection:Chloramphenicol (34 ug/ml)Mammalian Cell Selection:PuromycinFormat:Lentiviral plasmidsComponents:Ifnar1 - Mouse, 4 unique 29mer shRNA constructs in lentiviral GFP vector(Gene ID = 15975). Sig purified plasmid DNA per construct 29-mer scrambled shRNA cassette in pGFP-C-shLenti Vector, TR30021, included for free.RefSeq:BC043935, BC052217, BC052429, NM 010508, NM 010508.1, NM 010508.2UniProt ID:P33896Summary:Component of the receptor for type I interferons, including interferons alpha, IFNB1 and IFNW1 (PubMed:1533935, PubMed:14532120, PubMed:23872679). Functions in general as heterodimer with IFNAR2 (By similarity). Type I interferon binding activates the JAK-STAT ginaling cascade, and the JFNR alpha- and beta-subunits themselves (PubMed:14532120). Can form an active IFNB1 receptor by istelf and activate a signaling cascade that does not involve activation of the JAK-STAT pathway (PubMed:23872679). [UniProtKB/Swiss-Prot Function]shRNA Design:These shRNA constructs were designed against multiple splice variants at this gene locus. T be certain that your variant of interest is targeted, please contact techsupport@origene.com lfyou need a special design or shRNA sequence, please utilize our custom shRNA service.		
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GRIGENE Ifnar1 Mouse shRNA Plasmid (Locus ID 15975) – TL509551

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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