

## 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 TL317161

## Isochorismatase domain containing protein 1 (ISOC1) Human shRNA Plasmid Kit (Locus ID 51015)

## **Product data:**

Product Type:shRNA PlasmidsProduct Name:lochorismatase domain containing protein 1 (ISOC1) Human shRNA Plasmid Kit (Locus ID) s1015)Locus ID:51015Synonyms:Gl-111Vector:pGFP-C-shLenti (TR30023)E. coli Selection:Chloramphenicol (34 ug/ml)Mammalian Cell Selection:PuromycinFormat:Lentiviral plasmidsFormat:IsoC1 - Human 4 unique 29mer shRNA constructs in lentiviral GFP vector (Gene ID) Sug purified plasmid DNA per construct 29-mer scrambled shRNA cassette in pGFP-C-shLenti Vector, TR30021, included for free.RefSeq:NM 016048.NM 016048.1, NM 016048.2, BC014105.2, BC008367UniProt ID:096N7ShRNA Design:Shes shRNA constructs were designed against multiple splice variants at this gene locus. Sp certain that your variant of interest is targeted, please contact techsupport@origene.com siyou need a special design or shRNA sequence, please utilize our custom shRNA service.		
SintsLocus ID:51015Synonyms:CGI-111Vector:pGFP-C-shLenti (TR30023)E. coli Selection:Chloramphenicol (34 ug/ml)Mammalian Cell Selection:PuromycinFormat:Lentiviral plasmidsComponents:ISOC1 - Human, 4 unique 29mer shRNA constructs in lentiviral GFP vector(Gene ID = 51015). Syg purified plasmid DNA per construct 29-mer scrambled shRNA cassette in pGFP-C-shLenti Vector, TR30021, included for free.RefSeq:NM 016048, NM 016048.1, NM 016048.2, BC014105, BC014105.2, BC008367UniProt ID:096CN7shRNA 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	Product Type:	shRNA Plasmids
Synonyms:CGI-111Vector:pGFP-C-shLenti (TR30023)E. coli Selection:Chloramphenicol (34 ug/ml)Mammalian Cell Selection:PuromycinFormat:Lentiviral plasmidsComponents:ISOC1 - Human, 4 unique 29mer shRNA constructs in lentiviral GFP vector(Gene ID = 51015). Syg purified plasmid DNA per construct 29-mer scrambled shRNA cassette in pGFP-C-shLenti Vector, TR30021, included for free.RefSeq:NM 016048, NM 016048.1, NM 016048.2, BC014105.2, BC008367UniProt ID:O96CN7ShRNA 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	Product Name:	
Vector:pGFP-C-shLenti (TR30023)E. coli Selection:Chloramphenicol (34 ug/ml)Mammalian Cell Selection:PuromycinFormat:Lentiviral plasmidsComponents:ISOC1 - Human, 4 unique 29mer shRNA constructs in lentiviral GFP vector(Gene ID = 51015). Sµg purified plasmid DNA per construct 29-mer scrambled shRNA cassette in pGFP-C-shLenti Vector, TR30021, included for free.RefSeq:NM 016048, NM 016048.1, NM 016048.2, BC014105, BC014105.2, BC008367UniProt ID:Q96CN7shRNA 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.	Locus ID:	51015
E. coli Selection:Chloramphenicol (34 ug/ml)Mammalian Cell Selection:PuromycinFormat:Lentiviral plasmidsComponents:ISOC1 - Human, 4 unique 29mer shRNA constructs in lentiviral GFP vector(Gene ID = 51015). Sµg purified plasmid DNA per construct 29-mer scrambled shRNA cassette in pGFP-C-shLenti Vector, TR30021, included for free.RefSeq:NM 016048, NM 016048.1, NM 016048.2, BC014105, BC014105.2, BC008367UniProt ID:Q96CN7shRNA 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.	Synonyms:	CGI-111
Mammalian Cell Selection:PuromycinFormat:Lentiviral plasmidsComponents:ISOC1 - Human, 4 unique 29mer shRNA constructs in lentiviral GFP vector(Gene ID = 51015). Sµg purified plasmid DNA per construct 29-mer scrambled shRNA cassette in pGFP-C-shLenti Vector, TR30021, included for free.RefSeq:NM 016048, NM 016048.1, NM 016048.2, BC014105, BC014105.2, BC008367UniProt ID:Q96CN7shRNA 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.	Vector:	pGFP-C-shLenti (TR30023)
Selection:Format:Lentiviral plasmidsComponents:ISOC1 - Human, 4 unique 29mer shRNA constructs in lentiviral GFP vector(Gene ID = 51015). Sµg purified plasmid DNA per construct 29-mer scrambled shRNA cassette in pGFP-C-shLenti Vector, TR30021, included for free.RefSeq:NM 016048, NM 016048.1, NM 016048.2, BC014105, BC014105.2, BC008367UniProt ID:Q96CN7shRNA 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.	E. coli Selection:	Chloramphenicol (34 ug/ml)
Components:ISOC1 - Human, 4 unique 29mer shRNA constructs in lentiviral GFP vector(Gene ID = 51015). Sµg purified plasmid DNA per construct 29-mer scrambled shRNA cassette in pGFP-C-shLenti Vector, TR30021, included for free.RefSeq:NM 016048, NM 016048.1, NM 016048.2, BC014105, BC014105.2, BC008367UniProt ID:Q96CN7shRNA 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.		Puromycin
5µg purified plasmid DNA per construct 29-mer scrambled shRNA cassette in pGFP-C-shLenti Vector, TR30021, included for free.RefSeq:NM 016048, NM 016048.1, NM 016048.2, BC014105, BC014105.2, BC008367UniProt ID:Q96CN7shRNA 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.	Format:	Lentiviral plasmids
UniProt ID: Q96CN7   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.	Components:	5µg purified plasmid DNA per construct
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.	RefSeq:	<u>NM 016048, NM 016048.1, NM 016048.2, BC014105, BC014105.2, BC008367</u>
be certain that your variant of interest is targeted, please contact <u>techsupport@origene.com</u> .	UniProt ID:	<u>Q96CN7</u>
	shRNA Design:	be certain that your variant of interest is targeted, please contact techsupport@origene.com.



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

	lsochorismatase domain containing protein 1 (ISOC1) Human shRNA Plasmid Kit (Locus ID 51015) – TL317161
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).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US