

Product datasheet for **RC203042L4V**

IER3IP1 (NM_016097) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IER3IP1 (NM_016097) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IER3IP1
Synonyms:	HSPC039; MEDS; PRO2309
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016097
ORF Size:	246 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203042).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_016097.2
RefSeq Size:	1504 bp
RefSeq ORF:	249 bp
Locus ID:	51124
UniProt ID:	Q9Y5U9
Cytogenetics:	18q21.1
Protein Families:	Transmembrane
MW:	9 kDa



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Gene Summary:

This gene encodes a small protein that is localized to the endoplasmic reticulum (ER) and may play a role in the ER stress response by mediating cell differentiation and apoptosis. Transcription of this gene is regulated by tumor necrosis factor alpha and specificity protein 1 (Sp1). Mutations in this gene may play a role in microcephaly, epilepsy, and diabetes syndrome (MEDS), and a pseudogene of this gene is located on the long arm of chromosome 12. [provided by RefSeq, Dec 2011]