

Product datasheet for **RC209597L2V**

IMP3 (IGF2BP3) (NM_006547) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IMP3 (IGF2BP3) (NM_006547) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IMP3
Synonyms:	CT98; IMP-3; IMP3; KOC; KOC1; VICKZ3
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006547
ORF Size:	1737 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209597).
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_006547.2
RefSeq Size:	4168 bp
RefSeq ORF:	1740 bp
Locus ID:	10643
UniProt ID:	O00425
Cytogenetics:	7p15.3
Domains:	RRM, KH
MW:	63.7 kDa



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Gene Summary:

The protein encoded by this gene is primarily found in the nucleolus, where it can bind to the 5' UTR of the insulin-like growth factor II leader 3 mRNA and may repress translation of insulin-like growth factor II during late development. The encoded protein contains several KH domains, which are important in RNA binding and are known to be involved in RNA synthesis and metabolism. A pseudogene exists on chromosome 7, and there are putative pseudogenes on other chromosomes. [provided by RefSeq, Jul 2008]