

Product datasheet for **RC202255L4V**

OIP5 (NM_007280) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	OIP5 (NM_007280) Human Tagged ORF Clone Lentiviral Particle
Symbol:	OIP5
Synonyms:	5730547N13Rik; CT86; hMIS18beta; LINT-25; MIS18B; MIS18beta
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007280
ORF Size:	687 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202255).
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_007280.1
RefSeq Size:	1249 bp
RefSeq ORF:	690 bp
Locus ID:	11339
UniProt ID:	O43482
Cytogenetics:	15q15.1
MW:	24.7 kDa


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Gene Summary:

The protein encoded by this gene localizes to centromeres, where it is essential for recruitment of CENP-A through the mediator Holliday junction recognition protein. Expression of this gene is upregulated in several cancers, making it a putative therapeutic target. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2015]