

## Product datasheet for **RC230873L4V**

### Oct-1 (POU2F1) (NM\_001198783) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Oct-1 (POU2F1) (NM_001198783) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Oct-1
Synonyms:	oct-1B; OCT1; OTF1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001198783
ORF Size:	2265 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230873).
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. <a href="#">More info</a>
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:	<a href="#">NM_001198783.1</a>
RefSeq Size:	14038 bp
RefSeq ORF:	2268 bp
Locus ID:	5451
UniProt ID:	<a href="#">P14859</a>
Cytogenetics:	1q24.2
Protein Families:	Druggable Genome, Transcription Factors
MW:	77.9 kDa



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**Gene Summary:**

The OCT1 transcription factor was among the first identified members of the POU transcription factor family (summarized by Sturm et al., 1993 [PubMed 8314572]). Members of this family contain the POU domain, a 160-amino acid region necessary for DNA binding to the octameric sequence ATGCAAAT.[supplied by OMIM, Jul 2010]