

## Product datasheet for RC208599L4V

## OriGene Technologies, Inc.

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## Oct-1 (POU2F1) (NM\_002697) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** Oct-1 (POU2F1) (NM\_002697) 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\_002697 **ORF Size:** 2229 bp

**ORF Nucleotide** 

OTI Disclaimer:

The ORF insert of this clone is exactly the same as(RC208599).

Sequence:

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.

**RefSeg:** NM 002697.2, NP 002688.2

 RefSeq Size:
 13905 bp

 RefSeq ORF:
 2301 bp

 Locus ID:
 5451

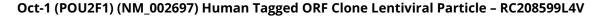
 UniProt ID:
 P14859

 Cytogenetics:
 1q24.2

**Domains:** POU, homeobox

**Protein Families:** Druggable Genome, Transcription Factors





MW: 76.5 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]