

Product datasheet for **MR205861L4V**

Pou5f1 (NM_013633) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pou5f1 (NM_013633) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pou5f1
Synonyms:	NF-A3; Oct; Oct-; Oct-3; Oct-3/; Oct-3/4; Oct-4; Oct3; Oct3/; Oct3/4; Oct4; Otf; Otf-; Otf-3; Otf-4; Otf3; Otf3-; Otf3-rs7; Otf3g; Otf4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013633
ORF Size:	1056 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205861).
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_013633.2 , NP_038661.2
RefSeq Size:	1346 bp
RefSeq ORF:	1059 bp
Locus ID:	18999
UniProt ID:	P20263
Cytogenetics:	17 18.69 cM



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Gene Summary:

The protein encoded by this gene belongs to the POU domain family of transcription factors. POU domain transcription factors bind to a specific octamer DNA motif and regulate cell type-specific differentiation pathways. The encoded protein plays a key role in embryonic development and stem cell pluripotency. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]