

Product datasheet for **RC205330L4V**

POU3F2 (NM_005604) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	POU3F2 (NM_005604) Human Tagged ORF Clone Lentiviral Particle
Symbol:	POU3F2
Synonyms:	brn-2; BRN2; N-Oct3; oct-7; OCT7; OTF-7; OTF7; POUF3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005604
ORF Size:	1329 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205330).
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_005604.3
RefSeq Size:	4172 bp
RefSeq ORF:	1332 bp
Locus ID:	5454
UniProt ID:	P20265
Cytogenetics:	6q16.1
Domains:	POU, homeobox
Protein Families:	Transcription Factors

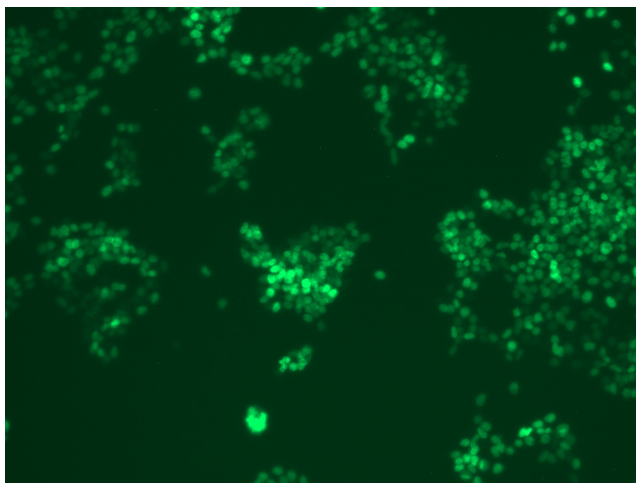


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MW: 46.7 kDa

Gene Summary: This gene encodes a member of the POU-III class of neural transcription factors. The encoded protein is involved in neuronal differentiation and enhances the activation of corticotropin-releasing hormone regulated genes. Overexpression of this protein is associated with an increase in the proliferation of melanoma cells. [provided by RefSeq, Mar 2012]

Product images:



[RC205330L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC205330L4V particle to overexpress human POU3F2-mGFP fusion protein.