

Product datasheet for **RC207562L4V**

BOB1 (POU2AF1) (NM_006235) Human Tagged ORF Clone Lentiviral Particle

Product data:

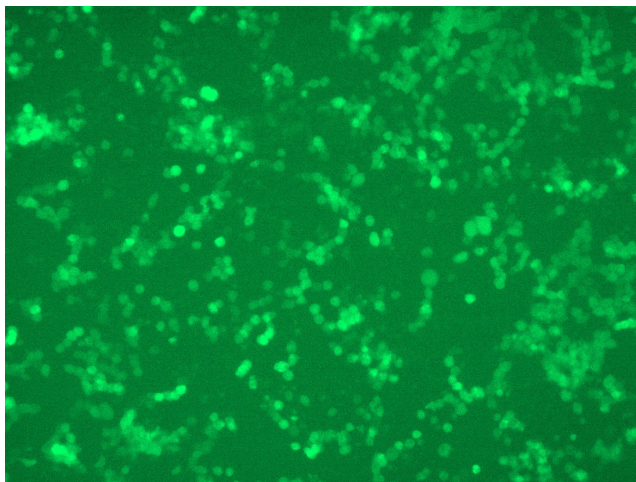
Product Type:	Lentiviral Particles
Product Name:	BOB1 (POU2AF1) (NM_006235) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BOB1
Synonyms:	BOB1; OBF-1; OBF1; OCAB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006235
ORF Size:	768 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207562).
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_006235.1
RefSeq Size:	3032 bp
RefSeq ORF:	771 bp
Locus ID:	5450
UniProt ID:	Q16633
Cytogenetics:	11q23.1
MW:	27.4 kDa



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Gene Summary:

Transcriptional coactivator that specifically associates with either OCT1 or OCT2. It boosts the OCT1 mediated promoter activity and to a lesser extent, that of OCT2. It has no intrinsic DNA-binding activity. It recognizes the POU domains of OCT1 and OCT2. It is essential for the response of B-cells to antigens and required for the formation of germinal centers. [UniProtKB/Swiss-Prot Function]

Product images:

[RC207562L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC207562L4V particle to overexpress human POU2AF1-mGFP fusion protein.