

Product datasheet for **RC223305L4V**

RANBP1 (NM_002882) Human Tagged ORF Clone Lentiviral Particle

Product data:

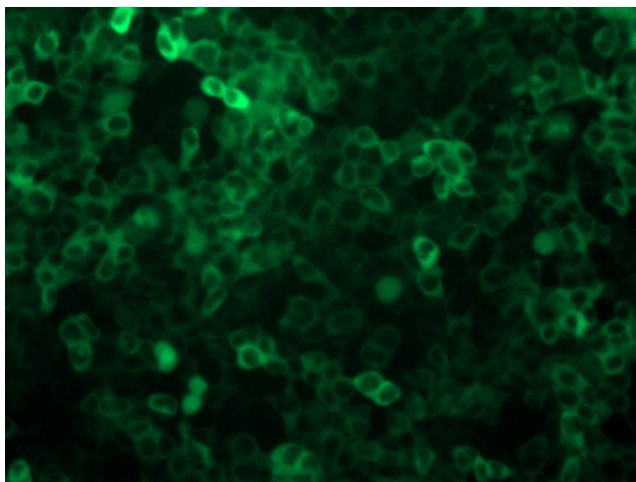
Product Type:	Lentiviral Particles
Product Name:	RANBP1 (NM_002882) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RANBP1
Synonyms:	HTF9A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002882
ORF Size:	603 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223305).
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_002882.2
RefSeq Size:	884 bp
RefSeq ORF:	606 bp
Locus ID:	5902
UniProt ID:	P43487
Cytogenetics:	22q11.21
Domains:	Ran_BP1
MW:	23.1 kDa



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Gene Summary:

This gene encodes a protein that forms a complex with Ras-related nuclear protein (Ran) and metabolizes guanoside triphosphate (GTP). This complex participates in the regulation of the cell cycle by controlling transport of proteins and nucleic acids into the nucleus. There are multiple pseudogenes for this gene on chromosomes 9, 12, 17, and X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Product images:

[RC223305L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC223305L4V particle to overexpress human RANBP1-mGFP fusion protein.