

Product datasheet for **RC221675L4V**

OSCAR (NM_130771) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	OSCAR (NM_130771) Human Tagged ORF Clone Lentiviral Particle
Symbol:	OSCAR
Synonyms:	PIgR-3; PIGR3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_130771
ORF Size:	801 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221675).
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_130771.2
RefSeq Size:	1440 bp
RefSeq ORF:	804 bp
Locus ID:	126014
UniProt ID:	Q8IYS5
Cytogenetics:	19q13.42
Protein Families:	Druggable Genome
MW:	29 kDa



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Gene Summary:

Osteoclasts are multinucleated cells that resorb bone and are essential for bone homeostasis. This gene encodes an osteoclast-associated receptor (OSCAR), which is a member of the leukocyte receptor complex protein family that plays critical roles in the regulation of both innate and adaptive immune responses. The encoded protein may play a role in oxidative stress-mediated atherogenesis as well as monocyte adhesion. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2013]