

Product datasheet for **RG216482**

OSCAR (NM_133169) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OSCAR (NM_133169) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	OSCAR
Synonyms:	PIgR-3; PIGR3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG216482 representing NM_133169 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCTGGTGCTGATCCTCCAGCTGCTGACCCTCTGGCCTCTGTGTCACACAGACATCACTCCGCTCTG
TCCCCCAGCTTCATACCACCCTAAGCCATGGCTGGGAGCTCAGCCGGCTACAGTTGTGACCCTGGGGT
CAACGTGACCTTGAGATGCCGGGCACCCCAACCCGCTTGAGATTTGGACTTTTCAAGCCTGGAGAGATC
GCTCCCTTCTCTCCGGGATGTGTCCTCCGAGCTGCCAGAATCTTTCTGGAGGAGGTGACTCCAGCCC
AAGGGGAAGTTACCGCTGCTGCTACCGAAGGCCAGACTGGGGGCCGGGTGTCTGGTCCCAGCCCAGCGA
TGTCTGGAGCTGCTGGTGACAGAGGAGCTGCCGCGCCGTCGCTGGTGGCGCTGCCGGGCCGGTGGTG
GGTCTGGCGCCAACGTGAGCCTGCGCTGCGCGGGCCGCTGCGGAACATGAGCTTCGTGCTGTACCGCG
AGGGCGTGGCGGCCCGCTGCAGTACCGCCACTCCGCGCAGCCCTGGGCCGACTTCACGCTGCTGGGCGC
CCGCGCCCCGGCACCTACAGCTGCTACTATCACACGCCCTCCGCGCCCTACGTGCTGTCGAGCGCAGC
GAGGTGCTGGTCATCAGCTGGGAAGACTCTGGCTCCTCCGACTACACCCGGGGAACCTAGTCCGCTGG
GGCTGGCCGGGCTGGTCTCATCTCCCTGGGCGCGCTGGTCACTTTTGACTGGCGAGTCAGAACCAGCGC
TCCTGCTGGTATCCGCCCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_133169.4](#)

RefSeq Size: 1428 bp

RefSeq ORF: 792 bp

Locus ID: 126014

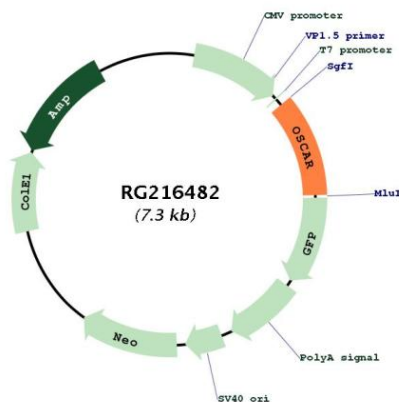
UniProt ID: [Q8IYS5](#)

Cytogenetics: 19q13.42

Protein Families: Druggable Genome

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]

Product images:



Circular map for RG216482