OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RR202219

Osmr (NM_001005384) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Osmr (NM_001005384) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Osmr
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

ORF Nucleotide Sequence:

>RR202219 representing NM_001005384
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

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CTGTGCATTGGAAATGGACATCTGATATCCCCTTGGAATGTGCCACACATTTCATAAGAATAAGGGCTAT
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Protein Sequence:

>RR202219 representing NM_001005384
Red=Cloning site Green=Tags(s)

MAFSVVLHQVTFLLAVLSLRTSQSKVLGEPLQLTPEIHTVSLQSALQEANLEWTVPTFSHQELNIVFQIE
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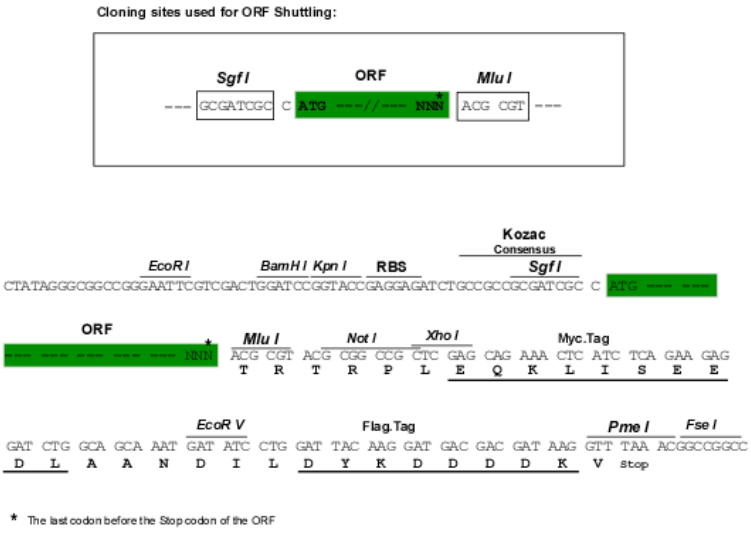
Restriction Sites: SgfI-MluI

Cloning Scheme:

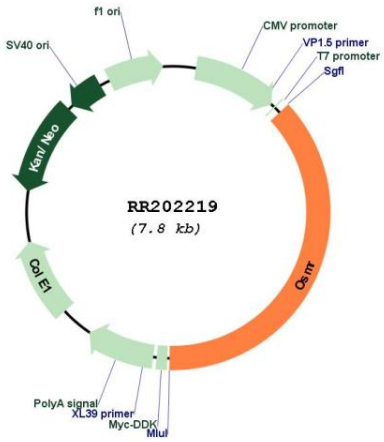


ACCN: NM_001005384

ORF Size: 2886 bp

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.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
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 Size:	2889 bp
RefSeq ORF:	2889 bp
Locus ID:	310132
UniProt ID:	Q65Z14
Cytogenetics:	2q16
MW:	108.6 kDa
Gene Summary:	mouse homolog binds cytokine signalling subunits c12 protein and gp130 and acts as a receptor for the cytokine oncostatin M [RGD, Feb 2006]

Product images:



Circular map for RR202219