

Product datasheet for **RN202219**

Osmr (NM_001005384) Rat Untagged Clone

Product data:

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



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Fully Sequenced ORF: >RN202219 representing NM_001005384
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTTTCTCTGTGGTCTTCATCAAGTGACCTTCCTTCTGGCAGTGCTGTCCCTGAGGACTTCCCAAA
 GTAAAGTCTTGGGGAGCCTTTACAGTTGACTCCTGAGATACACACAGTTTCTCTCAATCTGCACTTCA
 AGAAGCGAATTTAGAATGGACTGTCCCAACCTTTAGTCATCAAGAATTAACATTGTATTTAGATAGAG
 ATCAGTCGGATGAGAACATCCAACACCCTCTGGGTGGGAATTACAGCACCCTGTGAAGCATGAAGAAA
 CTGTGCATTGGAAATGGACATCTGATATCCCTTGGAAATGTGCCACATTTTCAAGAATAAGGGCTAT
 GGTAGATGACGCCAGTACCCTCCACAGAGTTCCTGGAGCAACTGGAGTTCCTGGAAGAAGTTAATGCA
 CAAGTTTCAGTCCACCTGATACATTATTAATATTTCTGAAGACAGACTGTTGGAAGAAGTTCCAATG
 TCACCATCTGTTGATGATTGGGCAGAATCTATATAATGTATCCTGTAAGTTGCAAGAAGAGCCAATCCG
 TGGAGAGCAACTTGATTCACACCTGTACTAATAAAAATGAATAATGTAGTGTTCCTTAAACACGCAGGG
 ACAAAATCAATTGTAAGCCATGAATGGTACTAAAAATACATTTGGTACTGTTCTTTGTCTCAAAAAG
 TGCTTGAGGAACCTAAGAATTTTCTGTGAAACCCGAGACTTTAAGACTTTGAACTGTTTGTGGGAACC
 TGGGATAGACACGACTTTGAGTTGGCATAAAACAACGTTCCCAACACTACACTTTATATGAATCGTTCTCT
 GGGAGACGTGAGGTTTCTAACCCAGAACTCGCATACCTGGCAAATCACTGAAGACTCACAGGAAACAT
 ATAACCTCACTCTCACAGCTGAAAAACAACCTAAGGAAAAGAAGTGTGAGCATCAGTTTTAACCTGACCCA
 CAGAGTTCATCCAAGGCTCCCATGATGTCACCTTAAAACGTAGGTGCTACAAAAGCCACATGACT
 TGAAGGTTCCCTCCCGTGGAGACTACACACTTTTGTGTCAGGTTGAAGTCCAGTGTGAAGGAGAAGTGA
 TACATGAGCACAATGTTTCTGTCCACACGAGCGCAACTACCTCTCAGTGATCTGGAGCAGACACAGA
 GTACAAGGCTTGTGCGCTGTGCGAGTCCCAACCACTTCTGAAATGGAGTACTGGATGCAAAAAAAG
 TTCAGAACACCCGAGGCTGCCCCCTCAGAAGCTTTGATGTGTGGAGAGAGCTGCCGACAGAGAATGGAA
 GACATGTTGTGACTTTATTCTGGAAGCCACTATTAATAACACAGGCCAATGGCAAATCATATCCTATAA
 TATAGTTGTAGAAAATGAAGCCAATCCAACGGAGTCAGAACAGTACTCTGTTCCGGCGCCAGCCCTTGGC
 ACAAACTGAGCCTGGACCTGCATCCCTACAAGATTACATCTCAGCCAACAACAGCGCGGGGGCATCTC
 CTGAGTCTTGGTGTCTTTCTAGTCATTCTGGACATGAAGAGGTCCATGAAAAACAATTAAGGTAT
 AAAGAATGGATTCAATATTTCTGGGAGCCGATCTGGAGACGCGATAGGCTATGTTGTGGACTGGTGT
 GCACATTCTCAGACCCAACGCTGTGATTTGCAGTGAAGAACGTAGGTCCAATATCACAAGCACCATCA
 TCACCTCAGACGCTTTTGGCCAGGGGTCGTTACAACCTCAGAATTTTGAAGATCTGTGGAAGAGAA
 TGTTCCGTTAGTAGAGAAACAAAGAGGATACACCCAGGAATTGGTCCGTCGGTGAATCCAGGAGTGACG
 ATTCATAACTTGACCCAAACTCCTTCACTCTAAAATGGCAGGATTATGCCAGCGACTTCCAGTCTGGCT
 TTATAAAAGGGTACCTCGTATATTTGAAATCCAAGGAGCTGCAGTGCAACCCAACTGGGAGAGGACTGT
 TCTGTGAGATAAGTCAGTGTCTGTAAATATGACGTGATGACCCAGAGACAAAGACACTCACTGTGGAA
 AACCTTCGGCCAGAGTCCCTCTATGAGTTTCTCGTCACTCCATATACCAGCGCTGGCCAGGGACCCAATG
 AAACATACAAAAGGTCACGACTCCAGATGTACGCTCCACATGCTGCTGCAGATCATATTACCCATGAC
 CCTCGGCGTCTTCTCAGCATCATTGTGTGTTACTGAAAAGTCAAGTGGGTGAAGGAGAAGTGTATCCT
 GACATTTCCAATCCATACAAGAGCAGCATCCTATCACTCATAAAAATCCAAGAAGAATCCTCACTTAATAA
 TGAATGTCAAAGACTGCATTCCAGATGTCTTGAAGTTATAAAACAAGCAGAAGGAGCAAGACACAGTG
 TGTAGGCTCTGGGAAACTTCACTGAAGATGTACCCACTAAGCCTCCATTGGTGCCAACAGAAAAGGAT
 TCCTCTGGCCCATGCCCTTCGCTTCTTGTGAAATTTTACTTACGATCAGTCACTTTTGTGATTCTGGTT
 CTCATGGCTTCAATCCAGGACCCCTAAAAACACACCCGACCAACTCGGACTATTGGCTCCGCCTAACAA
 GTTACAGAATGTATTAGAAAACGATTACATGAAGTCCCTGGTCAAGTCCAAGTGAAGAACTAGTTTG
 ATTTATGTGTCCAGCTGGCTTACCTATATGCGGAGACAAGGACAGTCTTGTACGAAACCCACCCATGC
 CAGTGCACGGTTCAGAGTATAAAAAGCAATGGCACTTCCAGGGAGCCTCACATCAGTCTCTGAAGGA
 GAACAACCTGACTTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001005384
Insert Size:	2889 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none"> 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:	<u>NM_001005384.1</u> , <u>NP_001005384.1</u>
RefSeq Size:	2889 bp
RefSeq ORF:	2889 bp
Locus ID:	310132
UniProt ID:	<u>Q65Z14</u>
Cytogenetics:	2q16
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]