

Product datasheet for **MC203109**

Ocstamp (NM_029021) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Ocstamp
Synonyms:	4833422F24Rik; OC-STAMP
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:	>BC020160 CTGTGCCTCCAGAACACAGCTTTCAAAGACTATGAGGACCATCAGGGCAGCCACGGAACACCTCTTTGGC TTGGGGTGGAAGTTCTGGCGCTTGGGATCTGCAAGGCAGTTGTTCCACTGCAGGCTGCCTGGAAAGCCT TCTCCAGCCTGTCCCAGCCAGCTGTAACGAACACTGACCCAGCTTCTCCTGTGTGTTTCTTGGCCAG TCTTATCGCAGGCTGGCGCATCACTGGCTGGTCTCTTTCAGCTTTATCCTTTGGGACCCCTGCCCTG GTGACCTCTCTGTGGTCTCTTCGTCTTCTAAGCCTGGGCTGGTGGCCCCATCCGCTGCCTATTTG TGCTCAGTGTGCCAACCTGGGCTCCAAGCAGGCGCCGCTTGCTCCTGTCTACAGTGCAGCCAACT GGCTGTGCTGTGGTGCACAACTCTAGGCAATGTGCGTGCAGCTGGGCAAGTGTGAGCTGTGTACT GAGGGCTCTTTGGAGAGTCTGCTTAATACCACTTACCAGTGCAGCAGGAGGAACTGGGCCCAG CCAGCCGAGCAGGAGCGCAGCCTGACATTTGAGGTGAGGGCAAGGGCTCAGCCTTCCGCTTACAT GCACACGATCACTCAGGAGATCCTGGAAGACTTCTCTGGCTGGAGTTCCTGGCTCGAGCAGCACTGGGC ACTCAGCGGGTGGTCAACGGGTTGTTCTGTGGGCTCCTGGGAGAGTCGGCTGGTACCTTCATCGCT ACCTCACTGACCTGCGTTTCGACAATATCTACGCGACTCGGCAGCTGGTTCGGCAGCTGGCCAGGCTGG TGCCACACATCTGCTGACCTCTCCGCTCCGTGGCTGCTCCAAACAGCCAGCCTAAGTTGTACGGGAG GAGTGTGCTGAGTGTCTCTAAGGCTGGGCTACTGGCATTGCTCTTAGTAGCCACAGCTGTGACAGTGG CCTCAGACTATGGGCTTCTCTTGGCACAAGCAGCTGTAGCCTGGGCTCAGAAGTTACCCACTGTCCC AATCACTCACAGTCAAATATGACGCTCATATAAGGTTCTGGACTTCATCCTCTTCGCTCTCAACAA CCTCCGGTGAGAGCGTGTTCCTCCATGCAGCGCTCCTTCCAGTGGGAGCTGCGCTTCACGCCACAG ACTGTCTATACCAAGGCTCAACACCCCGTGTACCGCTGCTCTGGCGGGGGCGCCCTGCAACTGCT GGCGGGGCGCCACCTTGGTGTACAGGCTACGCTGGCGCTGCGCCACACCATCGCAGCCTCCTTCTTC CCAGACCAGGAGGCCAGGAGGCTTAGCCACTTGCAGGCGCGCTCCAGAGGAGACACAACAGAGTGACC ACCTGAACAAACAGCCCGGCACTATGGCCACCCGGAATCCAGGAAGCCTGGACAGGGAACCTCGACTCT GGAGTACAGGGACCTCAGGCACATGACTCCCTTGGGCTCCATATGACCTCGAGTAGGTCGTTGCACAT CTCGGAGCTTCAGTTTCCAAATCTACATAATAATTGGGCTGGCAACAGTGATCTGCTTTTACGGGGAA TGTGCGCGAAATCGCAGCGAGTGGAAGGTGCGGAAGACGCGGCTGCGGTAACCTGGACGTTTGGGAGGACC AGACCGCCAGTCCCTTCCGCTAGACAGCCCTGATAACATCCTCAATGGAGACCTGCAAGTGGATTCA CCTCGGCACTCCTCAATTTACAAGCCTTTGAGAATTACGTTAATCTGCAAGTTTGATCTTACAATGA GCATAGTCATTAAATAGAAGAGTAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_029021
Insert Size:	1497 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:	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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC020160 , AAH20160
RefSeq Size:	1861 bp
RefSeq ORF:	1497 bp
Locus ID:	74614
UniProt ID:	Q9D611
Cytogenetics:	2 H3
Gene Summary:	Probable cell surface receptor that plays a role in cellular fusion and cell differentiation. Cooperates with DCSTAMP in modulating cell-cell fusion in both osteoclasts and foreign body giant cells (FBGCs). Involved in osteoclast bone resorption. Promotes osteoclast differentiation and may play a role in the multinucleated osteoclast maturation.[UniProtKB/Swiss-Prot Function]