

Product datasheet for **SC327095**

OCSTAMP (NM_080721) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	OCSTAMP
Synonyms:	C20orf123; dJ257E24.3; OC-STAMP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >SC327095 representing NM_080721.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCAGGCCACCCAGGAGCAGCTGAGCAACTTGTCAAGACCGGGTGGAGGTCTGGCACTTGGGGTTT
TGAAGGCCCTTGGCCCACTGCAGGCTGCCTGGGACGCCTTCTCCAGCCTGTTCCAGCCAGCTGTGGC
CAGCTGCTGACCCAGCTCCTCCTGTGTGCCCTCCCTGGCTGCTGCTGCTGAGGTCTGGTTTATCACTGG
CTGGCATCCTTGTGCTTTATCCTCCTGGACCTTCAGCCATGGTTGCCACTGTCTGTGGCCTCCTGGTC
TTCTGAGCCTGGGCCTGGTACCCCACTGCGCTGCCTGTTTGGCACTCAGCGTGCCCACTTGGGTATG
GAGCAGGGCCGCGGCTGCTCCTGTCTACAGCACTGCCACCCTGGCCATTGCTGTGGTGGCCCAACGTC
CTGGCCAACGTGGGTGGCGCCGGGAGGTGCTGAGGTGTGTACCGAGGGCTCCCTGGAGAGTCTCCTC
AATACCACTCAGCAGTGCATGCAGCATCCAGGCTCTGGGCCCCACAGGCCAGGCAGGCAGCCGGGGC
CTGACATTTAGGGCCAGGACAATGGCTCTGCCTTCTACCTTCACATGCTCAGGGTCACTCAGCAGGTC
CTGGAGGATTTCTCTGGCCTGGAGTCCCTGGCCGGGAGCAGCGCTAGGGACCCAGCGAGTGGTCACA
GGGCTGTTTATGTTGGGCTCCTGGTGGAGTCGGCATGGTACCTCCATTGCTACCTGACAGACCTGCGG
TTTGACAATATCTACGCCACTCAACAGCTGACCCAGCGGTTGGCACAGGCCAGGCTACACACCTCCTG
GCCCCCTCCACCCACCTGGCTGCTCCAGGCGGCTCAGCTGAGGCTGTACAGGAGGAGCTGTTGAGTTGT
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GTCAAGTATGATGTGGCATACTGTCTGGGCTTCATCCCTTTCTCTTCAACAGCTGGCTCCGGAG
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CTGCCCTAGGGGATCCTTCTTGGTCCCCACACCCAGACCTGCCTGCAAGCCTCCGGCATGGATAGAC
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CTGAGTTGTAACTTGGTCTGTGCCGCTCCCTGTGTGACCTTGGGTAAGTCACTTCACTCTCTGAG
CCTCGGTTTCTACATCTGCATAACGACAGCATATTTACCATTGATGTGACCTACTTCCACGCAGGGAT
GTGGTCAGGATGGAAGAAATACTGGGCATGATAGGCTGGATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCGCCGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_080721

Insert Size: 1701 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_080721.2</u>
RefSeq Size:	1958 bp
RefSeq ORF:	1701 bp
Locus ID:	128506
UniProt ID:	<u>Q9BR26</u>
Cytogenetics:	20q13.12
Protein Families:	Transmembrane
MW:	61.6 kDa
Gene Summary:	The protein encoded by this gene is orthologous to the mouse osteoclast stimulatory transmembrane protein (OCSTAMP), which is a membrane-anchored cell surface receptor that promotes nucleation of osteoclasts. The mouse protein is also involved in bone resorption and osteoclast differentiation. [provided by RefSeq, Feb 2017]