

## Product datasheet for **MC209395**

### **Ostf1 (NM\_017375) Mouse Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ostf1 (NM_017375) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ostf1
Synonyms:	C78236; Sh3d3; SH3P2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC209395 representing NM_017375 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTCCAAGCCACCTCCCAAACCGGTCAAACCAGGGCAAGTTAAAGTCTTCAGAGCTCTATATACATTTG  
AACCCAGAACTCCAGATGAATTACTTTGAAGAAGGAGACATTATCTACATCACTGACATGAGTGATAC  
CAGCTGGTGGAAAGGGACATGCAAGGGCAGAACAGGACTGATCCCGAGCAACTATGTGGCTGAGCAGGCA  
GAATCCATTGACAATCCATTGCATGAAGCTGCAAAAAGAGGCAACCTGAGCTGGTTGAGGGAGTGCTTGG  
ACAACCGGTGGGTGTGAACGGCCTGGACAAAGCTGGAAGCACAGCCCTGTACTGGGCTGCCACGGTGG  
CCATAAAGACATAGTGGAGGTTCTGTTTACTCAGCCGAATGTGGAGCTGAACCAGCAGAATAAGCTGGGA  
GACACAGCTCTGCACGGCTGCCTGGAAGGGTTATGCAGACATTGTCCAGTTGCTACTGGCAAAGGTG  
CGAGGACAGACTTGAGAAACAATGAGAAGAAGCTGGCCTTGGACATGGCCACCAACGCTGCCTGTGCATC  
GCTCCTGAAGAAGAAGCAGCAGGGAACAGATGGGGCTCGAACGTTAAGCAACGCCGAGGACTACCTCGAT  
GACGAAGACTCAGACT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_017375
Insert Size:	648 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_017375.3</a></u> , <u><a href="#">NP_059071.1</a></u>
<b>RefSeq Size:</b>	1714 bp
<b>RefSeq ORF:</b>	648 bp
<b>Locus ID:</b>	20409
<b>UniProt ID:</b>	<u><a href="#">Q62422</a></u>
<b>Cytogenetics:</b>	19 13.17 cM
<b>Gene Summary:</b>	Induces bone resorption, acting probably through a signaling cascade which results in the secretion of factor(s) enhancing osteoclast formation and activity.[UniProtKB/Swiss-Prot Function]