

Product datasheet for **SC115403**

OSTF1 (NM_012383) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OSTF1 (NM_012383) Human Untagged Clone
Tag:	Tag Free
Symbol:	OSTF1
Synonyms:	bA235O14.1; OSF; SH3P2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115403 sequence for NM_012383 edited (data generated by NextGen Sequencing)

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ATGTCGAAGCCGCCACCCAAACCAGTCAAACCAGGGCAAGTTAAAGTCTTCAGAGCCCTG
TATACGTTTGAACCCAGAACTCCAGATGAATTATACTTTGAGGAAGGTGATATTATCTAC
ATTACTGACATGAGCGATACCAATTGGTGGAAAGGCACCTCCAAAGGCAGGACTGGACTA
ATTCCAAGCAACTATGTGGCTGAGCAGGCAGAATCCATTGACAATCCATTGCATGAAGCA
GC AAAAAGAGGCAACTTGAGCTGGTTGAGAGAGTGTGGACAACAGAGTGGGTGTTAAT
GGCTTAGACAAAGCTGGAAGCACTGCCTTATACTGGGCTTGCCACGGGGCCACAAAGAT
ATAGTGGAAATGCTATTTACTCAACCAATATTGAACTGAACCAGCAGAACAAGTTGGGA
GATACAGCTTTGCATGCTGCTGCCTGGAAGGGTTATGCAGATATCGTCCAGTTGCTTCTG
GC AAAAAGGTGCTAGAACAGACTTAAGAAACATTGAGAAGAAGCTGGCCTTCGACATGGCT
ACCAATGCTGCCTGTGCATCTCTCTGAAAAAGAAACAGGGAACAGATGCAGTTCGAACA
TTAAGCAATGCCGAGGACTATCTCGATGATGAAGACTCAGATTAA
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Clone variation with respect to NM_012383.4



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_012383 unedited NCGGTCAGCATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACCAGAGGAGGCG CACGGTTGTAAGCCAGACAAAAAGAACTGGGGTGCCCGGAGTGCCAGGTGGCGGGCAAGC GGTGGGCTTTTCGGCGGGGTCTTTAGGATTTGCAGCTCCAGGAAGCGAGATGTCGAAGCC GCCACCAAACCAAGTCAAACCAGGGCAAGTTAAAGTCTTCAGAGCCCTGTATACGTTTGA ACCCAGAACTCCAGATGAATTATACTTTGAGGAAGGTGATATTATCTACATTACTGACAT GAGCGATACCAATTGGTGGAAAGGCACCTCCAAAGGCAGGACTGGACTAATTCCAAGCAA CTATGTGGCTGAGCAGGCAGAATCCATTGACAATCCATTGCATGAAGCAGCAAAAAGAGG CAACTTGAGCTGGTTGAGAGAGTGTGGACAACAGAGTGGGTGTTAATGGCTTAGACAA AGCTGGAAGCACTGCCTTATACTGGGCTTGCCACGGGGGCCACAAAGATATAGTGAAAT GCTATTTACTCAACAAAATTTGAACTGAACCAGCAGAACAAGTTGGGAGATACAGCTTT GCATGCTGCTGCCTGGAAGGGTTATGCAGATATCGTCCAGTTGCTTCTGGCAAAAGGTGC TAGAACAGACTTAAGAAACATTGAGAAGAAGCTGGCCTTCGACATGGCTACCAATGCTGC CTGTGCATCTCTCTGAAAAGAACAGGGAACAGATGCAGTTCGAACATTTAAGCATGCCG AGGACTATCTCGATGATGAAGACTCAGATTAATTCCTTTCTGGAGCTNTGAGATCTAAAC TTCTGTTGCTNNTGCCATTCCCAAACCTTTGTCTTTGCCAGAAAAGTGTGGTACTATAAA GAAATATTATGACACGGGCC
Restriction Sites:	NotI-NotI
ACCN:	NM_012383
Insert Size:	2320 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:	NM_012383.3 , NP_036515.3
RefSeq Size:	901 bp
RefSeq ORF:	645 bp
Locus ID:	26578
UniProt ID:	Q92882
Cytogenetics:	9q21.13
Domains:	SH3, ANK

Gene Summary:

Osteoclast-stimulating factor-1 is an intracellular protein produced by osteoclasts that indirectly induces osteoclast formation and bone resorption (Reddy et al., 1998 [PubMed 10092216]).[supplied by OMIM, Mar 2008]