

## Recombinant Human OSTF1, His-tagged

**Cat. No.** OSTF1-28124TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human OSTF1 with C terminal His tag; 222 amino acids with a predicted MWt 25.1 kDa including tag.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	214 amino acids
<b>Description</b>	Osteoclast-stimulating factor-1 is an intracellular protein produced by osteoclasts that indirectly induces osteoclast formation and bone resorption (Reddy et al.
<b>Conjugation</b>	HIS
<b>Molecular Weight</b>	25.100kDa inclusive of tags
<b>Tissue specificity</b>	Ubiquitously expressed. Present in osteoclasts (at protein level).
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.24% Tris, 0.01% DTT, 10% Glycerol
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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**Sequences of amino acids**

MSKPPPVPKPGEGGQVKVFRALYTFEP RTPDELYFEEGD IYITDMSDTNWWKGT  
 SKGRTGLIPSNYVAEQAESIDNPL HEAAKRGNLSWLRECLDNRVGVNGLDKAGSTA  
 LYWACHGG HKDIVEMLFTQPNIELNQQNKLGD TALHAAAWKGYADIVQ LFLAKGA  
 RTDLRNIKKLAFDMATNAACASLLKKKQGTDA VRTLSNAEDYLDDEDSLEHHHH  
 HH

**Sequence Similarities**

Contains 3 ANK repeats. Contains 1 SH3 domain.

## GENE INFORMATION

**Gene Name** OSTF1 osteoclast stimulating factor 1 [ Homo sapiens ]

**Official Symbol** OSTF1

**Synonyms** OSTF1; osteoclast stimulating factor 1; osteoclast-stimulating factor 1; bA235O14.1; OSF; SH3P2;

**Gene ID** 26578

**mRNA Refseq** NM\_012383

**Protein Refseq** NP\_036515

**MIM** 610180

**Uniprot ID** Q92882

**Chromosome Location** 9q13-q21.2

**Function** SH3 domain binding;

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