

Recombinant Human OSTF1, His-tagged

Cat. No. OSTF1-28251TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human OSTF1 fused to His tag at C-terminal; amino acids 1-217 , 25.1kDa.
Species	Human
Source	E.coli
ProteinLength	1-217 a.a.
Description	Osteoclast-stimulating factor-1 is an intracellular protein produced by osteoclasts that indirectly induces osteoclast formation and bone resorption (Reddy et al.
Conjugation	HIS
Tissue specificity	Ubiquitously expressed. Present in osteoclasts (at protein level).
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 0.5mM DTT, pH 8
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids

MSKPPPKPVK PGEQQVVKVF RALYTFEPRT PDELYFEEGD IYITDMSDT
 NWWKGTSGR TGLIPSNYVA EQAESIDNPL HEAAKRGNLS WLRECLDNRV
 GVNGLDKAGS TALYWACHGG HKDIVEMLFT QPNIELNQQN KLGDTALHAA
 AWKGYADIVQ LFLAKGARTD LRNIEKKLAF DMATNAACAS LLKKKQGTDA
 VRTLSNAEDY LDEEDSDLEH HHHHH

Sequence Similarities Contains 3 ANK repeats.Contains 1 SH3 domain.

Full Length Full L.

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

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Function

SH3 domain binding;

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