

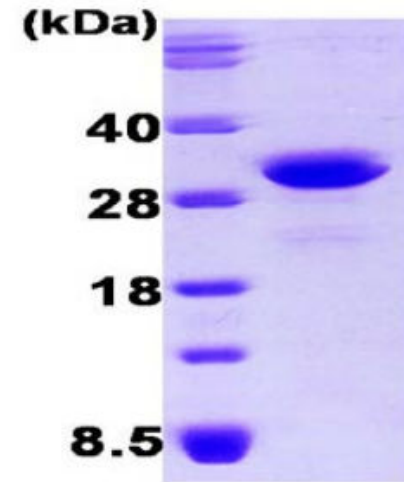
OSTF1, human recombinant

CATALOG #:	7336-100	100 µg
ALTERNATE NAMES:	Osteoclast stimulating factor 1, SH3P2, OSF	
SOURCE:	E. coli	
PURITY:	> 95% by SDS-PAGE	
MOL. WEIGHT:	25.1 kDa (225 aa, 1-217 aa + His Tag), confirmed by MALDI-TOF. (MW on SDS-PAGE shifts up)	
ENDOTOXIN LEVEL:	< 1.0 EU per 1 µg of protein	
FORM:	Liquid	
FORMULATION:	1 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, and 0.5 mM DTT.	

STORAGE CONDITIONS: Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

DESCRIPTION: Osteoclast-stimulating factor-1 (OSTF1) is an intracellular protein produced by osteoclasts that indirectly induces osteoclast (OCL) formation and bone resorption. OSTF1 is highly expressed in OCL and contains structural domains such as SH3 and ankyrin repeats, which are potentially involved in protein-protein interactions. OSTF1 is ubiquitously expressed analogous to other regulators of OCL activity such as c-Src or transforming growth factor beta. Recombinant human OSTF1 protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AMINO ACID SEQUENCE: MSKPPPKPVK PEGEGQVKVF RALYTTFEPRP
PDELYFEEGD IYITDMSDT NWWKGTSGR TGLIPSNYVA EQAESIDNPL
HEAAKRGNLS WLRECLDNRV GVNLGDKAGS TALYWACHGG HKDIVEMLFT
QPNIELNQQN KLGDTALHAA AWKGYADIVQ LFLAKGARTD LRNIEKKLAF
DMATNAACAS LLKKKQGTDA VRTLSNAEDY LDEDSLEH HHHHH



15% SDS-PAGE (3µg)

OSTF1, human recombinant

RELATED PRODUCTS:

- Periostin/OSF-2, human recombinant (**Cat. No. 4204-10, -100, -1000**)
- Periostin/OSF-2, murine recombinant (**Cat. No. 4205-10**)
- Periostin/OSF-2 (human) ELISA Kit (**Cat. No. K4760-100**)
- Periostin/OSF-2 (mouse) ELISA Kit (**Cat. No. K4762-100**)
- Periostin Antibody (Clone: Stiny-3) (**Cat. No. 6636-100**)

FOR RESEARCH USE ONLY! Not to be used in humans.