

OSTF1, 1-217 aa, Human, His tagged, Recombinant, E.coli

Cat.NO.: TP03266

3th Edition

Synonyms:Osteoclast stimulating factor 1, SH3P2, OSF

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.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.5mM DTT, 10% glycerol

Molecular Weight:25.1 kDa (225 aa), confirmed by MALDI-TOF

Sequences:

MSKPPPKPKVKGEGGQVKVFRALYTFEP RTPDELYFEEGDIIYITDMSDTNWWKGT SKGRTGLIPSNYVAEQAESID
NPLHEAAKRGNLSWLRECLDNRVGVNGLDKAGSTALYWACHGGHKDIVEMLFTQPNIELNQQNKLGDTALHAAA
WKG YADIVQLFLAKGARTDLRNIEKKLAFDMATNAACASLLKKKQGTDVVRTLSNAEDYLDDEDSLEHHHHHH

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage: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.