
Product Data Sheet

Product Name: OSTF1 Human
 Cat. No.: GP20807
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	SH3P2; OSF; OSTF-1; Osteoclast-stimulating factor 1; OSTF1; FLJ20559; bA235O14.1.		
Amino Acid Sequence	MSKPPPKPVK PGEGGQVKVF RALYTFEPRT PDELYFEEGD IYITDMSDT NWWKGTSKGR TGLIPSNYVA EQAESIDNPL HEAAKRGNLS WLRECLDNRV GVNLDKAGS TALYWACHGG HKDIVEMLFT QPNIELNQQN KLGDTALHAA AWKGYADIVQ LFLAKGARTD LRNIEKKLAF DMATNAACAS LLKKKQGTDA VRTLSNAEDY LDDESDLEH HHHHH.		
Formulation	OSTF1 protein (1mg/ml) solution contains 20mM Tris-HCl buffer pH 8, 0.5mM DTT and 10% glycerol.		

Introduction

OSTF1 is an intracellular protein produced by osteoclasts that induces bone resorption, via signaling cascade which results in the secretion of factors enhancing osteoclast formation and activity.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

Background

OSTF1 Human Recombinant produced in E.Coli is a monomeric, non-glycosylated, polypeptide chain containing 225 amino acids (1-217) and having a molecular mass of 25.1kDa. The OSTF1 is fused to an 8 amino acid His Tag at C-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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