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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Osteoclast Stimulating Factor-1, His Tag, human recombinant

Catalog No: 97232
Lot No: XXXXX
Source: *E. coli*
Synonyms: SH3P2, OSF, OSTF-1, Osteoclast-stimulating factor 1, OSTF1, FLJ20559, bA235O14.1

Background

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.

Description

OSTF1 human recombinant produced in *E. coli* is a monomeric, non-glycosylated, polypeptide chain containing 222 amino acids (1-214) and having a molecular mass of 25.1 kDa. OSTF1 is fused to a 8 amino acid His Tag at C-terminus and purified by proprietary chromatographic techniques.

Physical Appearance

Sterile filtered colorless solution.

Formulation

The OSTF1 protein solution contains 20 mM Tris buffer pH 8, 0.5 mM DTT and 10% glycerol.

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. Please avoid freeze thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino Acid Sequence

MSKPPPKPVK PEGEGQVKVF RALYTFEPRT PDELYFEEGD IYITDMSDT NWWKGTSKGR TGLIPSNYVA EQAESIDNPL
HEAAKRGNLS WLRECLDNRV GVNGLDKAGS TALYWACHGG HKDIVEMLFY QPNIELNQQN KLGDTALHAA AWKGYADIVQ
LFLAKGARTD LRNIEKKLAF DMATNAACAS LLKKKQGTDA VRTLSNAEDY LDDEDSLEH HHHHH

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