

OSTF1 Human

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. The OSTF1 is fused to 8 amino acid His Tag at C-terminus & purified by proprietary chromatographic techniques.

Catalog #: CYP5-637

For research use only.

Synonyms: SH3P2, OSF, OSTF-1, Osteoclast-stimulating factor 1, OSTF1, FLJ20559, bA235O14.1.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MSKPPPKPVK PGEGGQVKVF RALYTFEPRT PDELYFEEGD
IIYITDMSDT NWWKGTSGR TGLIPSNYVA EQAESIDNPL HEAAKRGNLSWLRECLDNRV
GVNGLDKAGS TALYWACHGG HKDIVEMLFT QPNIELNQQN KLGDTALHAA AWKGYADIVQ
LFLAKGARTD LRNIEKKLAF DMATNAACAS LLKKKQGTDA VRTLSNAEDY LDEDSBLEH
HHHHH.

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:

OSTF1 protein solution contains 20mM Tris buffer pH=8, 0.5mM 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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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