

Recombinant human Osteocalcin, C-hFc (HEK293)

Catalog Number: bs-43106P

Concentration: >0.5 mg/ml

Species: Human

AA Seq: 24-100/100

Predicted MW: 35.5

Tags: C-hFc

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: PBS (pH7.4).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: Osteocalcin belongs to the osteocalcin/matrix Gla protein family and constitutes 1 to 2% of the total bone protein. It is a 49 amino acid single chain vitamin K dependent protein, made by osteoblasts, and is a major component of the noncollagenous bone matrix. Post translational modification by a vitamin K dependent carboxylase produces three gamma carboxyglutamic acid residues at positions 17, 21 and 24, giving it a high affinity for calcium. It also binds strongly to apatite.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.