

Datasheet for ABIN7529432

Osteoprotegerin Protein (AA 22-401) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Osteoprotegerin (TNFRSF11B)
Protein Characteristics:	AA 22-401
Origin:	Human
Source:	Hi-5 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Osteoprotegerin protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	Osteoprotegerin/TNFRSF11B, 22-401aa, Human, His-tagged, Recombinant, Hi-5 cell
Purity:	> 85 % by SDS - PAGE

Target Details

Target:	Osteoprotegerin (TNFRSF11B)
Alternative Name:	Osteoprotegerin/TNFRSF11B (TNFRSF11B Products)
Target Type:	Chemical
Background:	Osteoprotegerin (OPG) is a member of the tumor necrosis factor (TNF)-related family, is referred to as TNFRSF11B and part of the OPG/receptor activator of NF-κB ligand (RANKL)/receptor activator of NF-κB (RANK) triad. This cytokine that lacks any apparent cell-association motifs and exists as a soluble secreted protein, network regulates the

Target Details

differentiation and activation of osteoclasts and hence the critical balance between bone formation (osteoblasts) and bone resorption (osteoclasts). Recombinant human osteoprotegerin protein, fused to His-tag at C-terminus, was expressed in Hi-5 cell using baculovirus expression system and purified by using conventional chromatography techniques. Synonyms: Osteoclastogenesis inhibitory factor, OPG, OCIF , Tumor necrosis factor receptor superfamily, member 11b MGC29565, TNFRSF 11B, TNFRSF11B, TR 1, TR1, Tumor Necrosis Factor Receptor Superfamily Member 11b. NCBI no.: NP_002537

Molecular Weight: 45.6 kDa (398 aa) (Molecular weight on SDS-PAGE will appear higher)

Application Details

Restrictions: For Research Use only

Handling

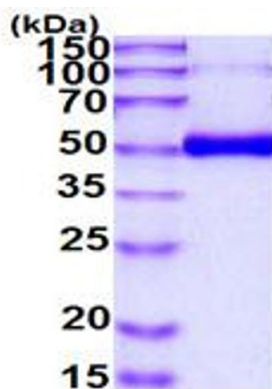
Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: Liquid. In PBS (pH 7.4) containing 10% glycerol

Storage: 4 °C

Images



12% SDS-PAGE (3ug)

SDS-PAGE

Image 1.