

Osteoprotegerin (OPG), human recombinant protein
Osteoprotegerin, OPG
Catalog # PBV10217r**Specification**

Osteoprotegerin (OPG), human recombinant protein - Product info

Primary Accession [O14788](#)
Calculated MW **20.0 kDa** KDa

Osteoprotegerin (OPG), human recombinant protein - Additional Info

Gene ID	8600
Gene Symbol	OPG
Other Names	
Osteoprotegerin, OPG, Tumor necrosis factor receptor superfamily member 11B, Osteoclastogenesis inhibitory factor, TNFRSF11B, OCIF	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥98%
Assay2&Purity2	HPLC; ≥98%
Recombinant	Yes
Results	10 ng/ml
Target/Specificity	
Osteoprotegerin	

Application Notes

Reconstitute in 5 mM Tris, pH 7.5 to a concentration of 0.1-1.0 mg/ml. The solution can be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

Format

Lyophilized protein

Storage

-20°C; Sterile filtered and then lyophilized

Osteoprotegerin (OPG), human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Osteoprotegerin (OPG), human recombinant protein - Images**Osteoprotegerin (OPG), human recombinant protein - Background**

Human OPG (Osteoprotegerin), also known as OCIF (Osteoclastogenesis inhibitory factor), is a member of the TNF receptor superfamily. Recombinant human OPG/OCIF specifically acts on bone tissues and increases bone mineral density and bone volume associated with a decrease of active osteoclast number. Recombinant human OPG is a 20 kDa protein, comprising of 174 amino acid residues.