



## Recombinant Human OPG

## Datasheet

**Catalog Number:** PR27029

**Product Type:** Recombinant Protein

**Source:** E. Coli

**Description/Molecular Mass:** Recombinant Human OCIF produced in E.coli cells is a single, non-glycosylated, polypeptide chain containing amino acids 201-401 and having a molecular mass of 31 kDa which includes a 4 kDa His tag.

The OPG is purified by proprietary chromatographic techniques.

**Applications:**

1. Positive control for Western blot.
2. Antibody production.
3. Protein assay.

**Purity:** Greater than 80.0% as determined by:  
(a) Analysis by RP-HPLC.  
(b) Analysis by SDS-PAGE.

**Format:** The protein was lyophilized from a concentrated (1mg/ml) solution with 1X PBS, 0.1% SDS and 1mM DTT.

**Reconstitution:** It is recommended to reconstitute the lyophilized Osteoprotegerin in sterile water not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Storage:** Lyophilized Osteoprotegerin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Osteoprotegerin should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

**Please avoid freeze-thaw cycles.**

### FOR RESEARCH USE ONLY

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