

## Recombinant Osteoprotegerin (OPG)

Catalog No.: TP03265

50µg

### Sequence Information

**Species:** Human

**Gene ID:**4982

**Swiss Prot:**O00300

**Synonyms:**TNFRSF11B; TNFRSF11-B; OCIF;

OPG; TR1; Tumor Necrosis Factor

Receptor Superfamily Member 11b;

Osteoclastogenesis Inhibitory Factor

**Residues:**Met1~Gly196

MNNLLCCALVFLDISIKWTTQETFPKYLHYDEETSHQLLCDKCPPGTYLKQHC

TAKWKTVCAPCPDHYYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECK

EGRYLEIEFCLKHRSCPPGFGVVQAGTPERNTVCKRCPDGGFFSNETSSKAPCRK

HTNCSVFGLLLTQKGNATHDNICSGNSESTQKCG

### Product Information

**Source:** Prokaryotic expression.

**Host:** *E. coli*

**Tags:**N-terminal His Tag

**Subcellular Location:** Secreted.

**Purity:** >97%

**Traits:** Freeze-dried powder

**Buffer formulation:**PBS, pH7.4, containing 0.1% SKL, 5% Trehalose.

**Original Concentration:** 80µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 7.4

**Predicted Molecular Mass:** 26.0kDa

**Accurate Molecular Mass:** 26kDa as determined by SDS-PAGE reducing conditions.

### [ USAGE ]

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

### [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.





The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.