



# AVISCERA BIOSCIENCE

## Human Osteoprotegerin (OPG), Rec.

### Product Information

Code	00762-01-100
Name	Mature human Osteoprotegerin
Lot No.	
Size	100 µg
Species	Human
Sequence	Glu <sup>22</sup> -Leu <sup>401</sup>
Protein ID	O00300
Gene ID	4982
MW	40 KD
Tag	His tag on N terminal
Source	E. Coli
Purity	>90% in SDS-PAGE gel Tris buffer lyophilized form without preservatives
Formulation	
Carry	Free
Storage	-20 °C ~ -70 °C
Reconstitution	500 µl
Application	ELISA

Alternative name(s):

Osteoclastogenesis Inhibitory Factor

Tumor Necrosis Factor Receptor Superfamily member 11B

### Description

A DNA sequence encoding the Human Osteoprotegerin (OPG)(Glu<sup>22</sup>-Leu<sup>402</sup>) with 6 His tag on the N-Terminus was expressed in *E. Coli*. This protein was purified by Ni-NTA column.

### Formulation

Lyophilized 100 µg of human Osteoprotegerin in 50 µl of TBS (20 mM Tris, 50mM NaCl, pH8.0). Carry free.

### Reconstitution & Storage

Add 500 µl deionized water to the vial to prepare a working stock solution at 200 µg/mL. Allow to set at least 30 minutes at 4 °C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

**Sequence:** Human Osteoprotegerin (OPG)(Glu<sup>22</sup>-Leu<sup>402</sup>)

```
22ETFFPKYLH
YDEETSHQLL CDKCPPGYL KQHCTAKWKT VCAPCPDHYY
TDSWHTSDEC LYCSPVCKEL QYVKQECNRT HNRVCECKEG
RYLEIEFCLK HRSCPPGFV VQAGTPERN VCKRCPDGFF
SNETSSKAPC RKHTNCSVFG LLLTQKGNAT HDNICSGNSE
STQKCGIDVT LCEEAFFRFA VPTKFTPNWL SVLVDNLPGT
KVNAESVERI KRQHSSQEQT FQLLKLWKHQ NKDQDIVKKI
IQDIDLCENS VQRHIGHANL TFEQLRSLME SLPGKKVGAE
DIEKTIKACK PSDQILKLLS LWRIKNGDQD TLKGLMHALK
HSKTYHFPKT VTQSLKKTIR FLHSFTMYKL YQKLFLEMIG
NQVQSVKISC L 401
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