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## Product Datasheet

### Recombinant Human Osteoprotegerin/Fc Chimera (rHuOPG-Fc) BWT-PR1106

Article Name	Recombinant Human Osteoprotegerin/Fc Chimera (rHuOPG-Fc)
Biozol Catalog Number	BWT-PR1106
Supplier Catalog Number	PR1106
Alternative Catalog Number	BWT-PR1106-10UG,BWT-PR1106-50UG,BWT-PR1106-1.0MG
Manufacturer	Bioworld Technology
Category	Proteine/Peptide
Product Description	Osteoprotegerin (OPG) is a member of the TNFR superfamily that can act as a decoy receptor for RANKL. Binding of soluble OPG to sRANKL inhibits osteoclastogenesis by interrupting the signaling between stromal cells and osteoclastic progenitor cells, ...
Molecular Weight	Recombinant OPG/Fc contains 412 amino acid residues, including 180 residues from mature OPG (a.a 22-201) and 232 residues from the Fc protein of human IgG1, and has a calculated molecular mass of 46.5 kDa. As a result of glycosylation, the recombinant OPG
Source	Pichia. Pastoris.
Purity	>90% by SDS-PAGE and HPLC analyses.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.

Sequence	OPG 22-201: ETFPYKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKTVCAPCPDHYYTDS WHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLKHRSCPP GFGVVQGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLTKGNA THDNICSGN SESTQKCGIDVTL Fc232: EPKSSDKTHTCPPCPAPEFEGAPSVFLFPPPKDTLMISRTPEVTCVVVDVSHE D
Formula	Lyophilized from a 0.2m filtered concentrated solution in PBS, pH 7.4.
Application Notes	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at <-20C. Further dilutions should be made in appropriate buffered solutions.