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Product Datasheet

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

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| 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. |

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| Sequence | <p>OPG 22-201: ETFPKYLHYDEETSHQLLCDKCPPGTLYLKQHCTAKWKTVCAPCPDHYYTDS WHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLKHRSCPP GFGVVQGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNA THDNICSGN SESTQKCGIDVTL Fc232: EPKSSDKTHTCPPCPAPEFEGAPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHE D</p> |
| Formula | Lyophilized from a 0.2m filtered concentrated solution in PBS, pH 7.4. |
| Application Notes | <p>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.</p> |