

Osteoprotegerin Mouse Recombinant

Item Number	rAP-2399
Synonyms	Tumor necrosis factor receptor superfamily member 11B, Ocif, Opg, Tnfrsf11b, Osteoclastogenesis inhibitory factor, TR1.
Description	OPG Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 388 amino acids (22-401a.a.) and having a molecular mass of 44.4kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).OPG is expressed with an 8 amino acid His tag at C-
Uniprot Accession Number	O08712
Amino Acid Sequence	ETLPPKYLHY DPETGHQLLC DKCAPGTYLK QHCTVRRKTL CVPCPDHSYT DSWHTSDECV YCSVPCKELQ SVKQECNRTH NRVCECEEGR YLEIEFCLKH RSCPPGSGVV QAGTPERNVT CKKCPDGFFS GETSSKAPCI KHTNCSTFGL LLIQKGNATH DNVCSGNREA TQKCGIDVT CEEAFFRFAV PTKIIPNWLS VLVDSLPGTK VNAESVERIK RRHSSQEQT FQLLKLWKHQN RDQEMVKKII QDIDLCESSV QRHLGHSNLT TEQLLALMES LPGKKISPEE IERTRKTCKS SEQLLKLLSL WRIKNGDQDT LKGLMYALKH LKTSHFPKTV THSLRKTMRF LHSFTMYRLY QKLFLEMIGN QVQSVKISCL LEHHHHHH.
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	OPG protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**