

Product Datasheet

Human OPG protein orb427476

Description	Recombinant of human OPG protein
Reactivity	Human
Conjugation	Unconjugated
Target	OPG
Form/Appearance	Sterile Filtered White lyophilized (freeze-dried) powder. The OPG was lyophilized from a 0.2µm filtered concentrated (0.5mg/ml) solution in PBS, pH 7.4.
Storage	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.
Note	For research use only.
Protein Sequence	METFPPKYLH YDEETSHQLL CDKCPPGTYL KQHCTAKWKT VCAPCPDHYY TDSWHTSDEC LYCSPVCKEL QYVKQECNRT HNRVCECKEG RYLEIEFCLK HRSCPPGFGV VQAGTPERN VCKRCPDGGFF SNETSSKAPC RKHTNCSVFG LLLTQKGNAT HDNICSGNSE STQK.
Purity	>95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Source	Escherichia Coli.
Activity	The activity is determined by its ability to neutralize the stimulation of U937 cells treated with 10ng/ml of soluble RANKL corresponding to a specific activity of 100,000IU/mg.
Solubility (25°C)	It is recommended to reconstitute the lyophilized Osteoprotegerin in sterile 18MΩ-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Expiration Date	6 months from date of receipt.