9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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sRANKL Human, GST

Soluble RANK Ligand Human Recombinant, GST tag
GRF0380

Product Overview

Name	sRANKL Human, GST
Description	
Soluble RANK Ligand Human Recombinant, GST tag	
Accession (Primary)	O14788
Synonyms	
Soluble Receptor Activator of NFkB Ligand, TNFSF11, TRANCE, TNF-related activation-induced cytokine, OPGL, ODF, Osteoclast differentiation factor, Tumor necrosis factor ligand superfamily member 11, Receptor activator of nuclear factor kappa B ligand, RANKL, Osteoprotegerin ligand, CD254 antigen, sRANKL, sOdf, hRANKL2.	
Introduction	
RANKL binds to tnfrsf11b/opg and to tnfrsf11a/rank. Osteoclast differentiation and activation factor. Augments the ability of dendritic cells to stimulate naive t-cell proliferation. May be an important regulator of interactions between t-cells and dendritic cells and may play a role in the regulation of the t-cell-dependent immune response. sRANKL may also play an important role in enhanced bone-resorption in humoral hypercalcemia of malignancy. By injecting soluble RANKL, novel osteopenia model mice were established in only 50 hours. Degree of bone loss can be controlled by changing doses of sRANKL. RANKL can be used in establishing osteopenia model for in vivo screening of drugs for osteoporosis, determination of effect and mechanism, evaluation of bone anabolic drugs.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorelss clear solution.	
Formulation	
The soluble RANKL protein solution contains 1mM EDTA and PBS pH-7.4.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Precautions	

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sRANKL Human, GST is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O14788)