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32-6542: sRANKL Mouse (158-316), Active(Discontinued)

Application :	Functional Assay
Alternative Name :	Tumor necrosis factor ligand superfamily member 11, Osteoclast differentiation factor,ODF, Osteoprotegerin ligand, OPGL, Receptor activator of nuclear factor kappa-B ligand, RANKL, TNF-related activation-induced cytokine, TRANCE, CD254, Tnfsf11, Opgl, Rankl, Trance

Description

Source: Escherichia Coli.
Sterile Filtered colorless solution.
Soluble RANK Ligand or type IIÂ membrane protein, is part of the TNF proteins family. RANKL has been found to have an effect on the immune system and regulates bone regeneration and remodeling. This protein regulates cell apoptosis, bunds to OPG protein (osteoprotegerin), cell proliferation regulator and acts as a ligand for RANK receptor. The protein is found to be expressed in various tissues such as thymus, colon, liver, skeletal muscle, osteoblast etc.
sRANKL Mouse produced in E.Coli is a single, non-glycosylated polypeptide chain containing 160 amino acids (158-316a.a) and having a molecular mass of 17.9 kDa.sRANKL is purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg(Discontinued) / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The sRANKL solution (1mg/ml) contains 0.1M NaCl and Tris-Hcl buffer (pH8.5).
Storage condition :	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.
Amino Acid :	MKPEAQPFAH LTINAASIPS GSHKVTLSSW YHDRGWAKIS NMTLSNGKLR VNQDGFYYLYANICFRHHET SGSVPTDYLQ LMVYVVKTSI KIPSSHNLMK GGSTKNWSGN SEFHFYSINVGGFFKLRAGE EISIQVSNPS LLDPDQDATY FGAFKVQDID

Application Note

Determined by osteoclast differentiation assay using RAW 264.7 mouse monocyte/macrophage cells. ÃÂ ED50 range for this is <= 2 ng/ml.