

32-1718: sRANKL His Recombinant Protein

Alternative Name : 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

Description

Source : Escherichia Coli. sRANKL Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 199 amino acids (140-317 a.a) and having a molecular mass of 22.3kDa. sRANKL is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount : 20 µg
Purification : Greater than 80.0% as determined by SDS-PAGE.
Content : sRANKL protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
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 : MGSSHHHHHH SSGLVPRGSH MIRA EKAMVD GSWLDLAKRS KLEAQPF AHL TINATDIPSG SHKVSLS SWY HDRGWAKISN MTF SNGKLIV NQDGFYLYA NICFRHHETS GDLATEYLQL M VYVTKTSIK IPSSHTLMKG GSTKYWSGNS EFHFYSINVG GFFKLRSGEE ISIEVSNPSL LDPDQDATYF GAFKVRDID.