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sRANKL Human, His

Soluble RANK Ligand Human Recombinant, His Tag
GRF0381

Product Overview

Name	sRANKL Human, His
Description	
Soluble RANK Ligand Human Recombinant, His 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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
sRANKL protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.	
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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 80.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH M IRAEKAMVD GSWLDLAKRS KLEAQPFAHL TINATDIPSG SHKVSLSSWY HDRGWAKISN MTFSNGKLIV NQDGFYYLYA NICFRHHETS GDLATEYLQL MVYVTKTSIK IPSSHTLMKG	

GSTKYWSGNS EFHFYSINVG GFFKLRSGEE ISIEVSNPSL LDPDQDATYF GAFKVRDID.

Precautions

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

Target Information: (O14788)