

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

TNFSF11, 140-317aa, Human, His tag, E.coli

产品货号: TP04260

第三版

别名:Tumor necrosis factor ligand superfamily member 11, OPGL, RANKL, TRANCE

描述:TNFSF11, also known as RANKL, is a member of the tumor necrosis factor (TNF) cytokine family which is a ligand for osteoprotegerin and functions as a key factor for osteoclast differentiation and activation. TNFSF11 also has a function in the immune system, where it is expressed by T helper cells and is thought to be involved in dendritic cell maturation. TNFSF11 is important in bone metabolism. This natural and necessary surface-bound molecule (also known as CD254) found on osteoblasts serves to activate osteoclasts, which are the cells involved in bone resorption. Recombinant human TNFSF11 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

分子量:22.3 kDa (199aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMIRA EKAMVDG SWLDLAKRSKLEAQPFAHLTINATDIPSGSHKVSLSWYHDRGWAKIS
NMTFSNGKLIVNQDGFYLYANICFRHHETSGDLATEYLQLMVYVTKTSIKIPSSHTLMKGGSTKYWSGNSEFHYSINVG
GFFKLRSGEEISIEVSNPSLLDPDQDATYFGAFKVRDID

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.