

Recombinant Mouse RANKL/sRANK Ligand Protein

产品信息

产品名称	产品编号	规格
Recombinant Mouse RANKL/sRANK Ligand Protein	90630ES10	10 µg
	90630ES50	50 µg
	90630ES80	1mg

产品简介

RANKL and RANK are members of the TNF superfamily of ligands and receptors that play an important role in the regulation of specific immunity and bone turnover. RANK (receptor) was originally identified as a dendritic cell-membrane protein, which, by interacting with RANKL, augments the ability of dendritic cells. These dendritic cells then stimulate naïve T-cell proliferation in a mixed lymphocyte reaction, promote the survival of RANK+ T-cells, and regulate T-cell-dependent immune response.

性能参数

Synonyms	soluble Receptor Activator of NF-κB Ligand, TNFSF11, OPGL, ODF TRANCE (TNF-related activation-induced cytokine)
Source	Expressed in E. coli.
Molecular Weight	Approximately 19.4kDa, a single non-glycosylated polypeptide chain containing 174 amino acids.
Accession	O35235 :Pro143-Asp316
Biological Activity	Fully biologically active when compared to standard. Determined by its dose-dependent ability to induce reporter gene in HT-29 NF-κB Luc reporter cells, The ED50 for this effect is 0.5-2 ng/ml.
Purity	> 96% by SDS-PAGE.
Endotoxin	<0.01EU/µg rMusRANKL protein as determined by LAL method.
Formulation	Lyophilized from a 0.2µm filtered concentrated solution in 20mMPB, 300mM NaCl, pH7.4.
Reconstitution	<p>Before use this product, please read the direction below carefully.</p> <p>1.This vial must be briefly centrifuged prior to opening to bring the contents to the bottom.</p> <p>2.Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/ml.</p> <p>Stock solutions should be apportioned into working aliquots and stored at ≤-20°C. Further dilutions should be made in appropriate buffered solutions.aliquots and stored at ≤ -20°C.</p>

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储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

1 month, 2~8 °C under sterile conditions after reconstitution.

3 months, -25~-15°C under sterile conditions after reconstitution.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

注意事项

1. Please operate with lab coats and disposable gloves, for your safety.

2. This product is for research use only.