

PRODUCT INFORMATION SUMMARY

Mouse sRANK Ligand

(sRANKL)

Purified Factor	Product Number	RC444134B	10.0 ug
		RC444134A	2.0 ug

DESCRIPTION:

Mouse soluble Receptor Activator of NF- κ B (RANK) Ligand is a dendritic cell membrane protein factor that is a member of the TNF Receptor superfamily. Mouse sRANK Ligand which react with the RANK receptor, increases the ability of dendritic cells to activate naive T-cell proliferation in MLR. sRANK Ligand also binds to OPG and inhibits osteoclastogenesis. Mouse sRANK Ligand is a 19.4 kDa protein containing the full length TNF-like domain.

SOURCE: E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug Mouse sRANKL
Sterile filtered and lyophilized, additive-free.

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards, activity determined by ability to induce osteoclast formation in RAW264.7 cells at range 5- 10 ng/mL sRANKL.

HANDLING AND STORAGE:

Purified Mouse sRANKL factor is provided sterile-filtered and lyophilized from Tris buffered saline (pH 7.6) with no additives. Store lyophilized, at -20 ° C. **Spin-down** and reconstitute with 100 uL **sterile or distilled water**, further dilute in PBS or other buffered solutions. Store small aliquots at -20° C, **with addition of 0.1% BSA**, for long-term storage - up to 3 months, at high concentration.

Before opening vial, it is recommended to microcentrifuge vial for 30 seconds to spin-down any lyophilized material that may adhere to top of vial. The small amounts of protein may adhere to the vial as a very thin coat of lyophilized material, and may be difficult to see as a pellet.

WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

RESEARCH USE ONLY -NOT for DRUG USE