

sRANK Ligand, murine recombinant

CATALOG #:	4557-10	10 µg
	4557-50	50 µg
	4557-1000	1 mg
LOT #:	_____	
SOURCE:	<i>E. coli</i>	
PURITY:	>98% by SDS-PAGE and HPLC analyses Endotoxin is <0.1 ng/µg of sRANK Ligand	
MOL. WEIGHT:	19.4 kDa	
FORM:	Lyophilized from 5 mM Tris, pH 7.6 + 75 mM NaCl	

RECONSTITUTION: Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS: The lyophilized murine sRANKL is best-stored desiccated below 0°C. Reconstituted sRANKL should be stored in working aliquots at -20°C.

DESCRIPTION: Murine RANK (receptor activator of NF-κB) is a newly discovered member of the TNFR family, identified as a dendritic cell membrane protein. The recombinant murine sRANK Ligand is a soluble 19.4 kDa protein, comprising the 174 amino acid residue TNF homologous region of RANKL.

BIOLOGICAL ACTIVITY: Measured by its ability to induce osteoclast formation in RAW264.7 cells using a concentration of 5-10 ng/ml.

FOR RESEARCH USE ONLY! Not to be used on humans.

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