

# sRANK Ligand, human recombinant

**CATALOG #:** 4318-10 10 µg  
4318-50 50 µg  
4318-1000 1 mg

**LOT #:** \_\_\_\_\_

**SOURCE:** *E. coli*

**PURITY:** >98% by SDS-PAGE and HPLC analyses  
Endotoxin is <0.1 ng/µg of sRANK Ligand

**MOL. WEIGHT:** 20.0 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 human sRANKL is best-stored desiccated below 0°C. Reconstituted sRANKL should be stored in working aliquots at -20°C.

**DESCRIPTION:** Human RANK (receptor activator of NF-κB) is a member of the TNFR family, identified as a dentritic cell membrane protein. Human soluble RANK Ligand is a soluble 20.0 kDa polypeptide, comprising the TNF homologous region of RANKL (176 amino acid residues).

**BIOLOGICAL ACTIVITY:** The ED<sub>50</sub> as determined by the dose-dependent stimulation of IL-8 production by human PBMC is ≤10 ng/ml.

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

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