

# Mouse sRANKL (158-316) Recombinant Protein



RPPB0916

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## Product Information    Protein Information

**Product SKU:**

RPPB0916

**Accession:**

Q3TWY5

**Host:**

Escherichia Coli.

**Protein description:**

sRANKL Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 160 amino acids (158-316 a.a.) and having a molecular mass of 17.9kDa. sRANKL is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Soluble Receptor Activator of NFkB Ligand, TNFSF11, TRANCE, TNF-related activation-induced cytokine, OPGL, ODF, Osteoclast differentiation factor, Tumor necrosis factor ligand superfamily member 11, Receptor activator of nuclear factor kappa B ligand, RANKL, Osteoprotegerin ligand, CD254 antigen, sRANKL, sOdf.

**Formulation:**

sRANKL protein solution (1mg/ml) containing Tris-Hcl buffer pH-8.5 and 0.1M NaCl.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MKPEAQPF AH LTINAASIPS GSHKVTLSSW YHDRGWAKIS NM T L S N G K L R V N Q D G F Y L Y A N I C F R H H E T  
S G S V P T D Y L Q L M V Y V V K T S I K I P S S H N L M K G G S T K N W S G N S E F H F Y S I N V G G F F K L R A G E E I S I Q V S N P S  
L L D P D Q D A T Y F G A F K V Q D I D

**Biological Activity:**

The ED50, as measured by its ability to induce osteoclast differentiation of RAW 264.7 mouse monocyte/macrophage cells, is less than 2ng/ml.