

Active Recombinant Mouse Tnfrsf11a, Fc-tagged

Cat. No. Tnfrsf11a-472M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse RANK (aa 31-214) is fused at the C-terminus to the Fc portion of human IgG1.
Species	Mouse
Source	HEK293
ProteinLength	31-214 a.a.
Description	RANK (TRANCE-R; CD265) is the receptor for RANKL/TRANCE/OPGL. It is essential for RANKL-mediated osteoclastogenesis and is involved in the regulation of interactions between T cells and dendritic cells.
Form	Lyophilized. Contains PBS.
Bio-activity	Inhibits mouse and human RANKL biological functions.
Molecular Mass	~55kDa (SDS-PAGE)
Purity	≥95% (SDS-PAGE)
Stability	Stable for at least 6 months after receipt when stored at -20°C.
Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles. PBS containing at least 0.1% BSA should be used for further dilutions.

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Concentration 1mg/ml after reconstitution.

GENE INFORMATION

Gene Name [Tnfrsf11a tumor necrosis factor receptor superfamily, member 11a \[Mus musculus \]](#)

Official Symbol Tnfrsf11a

Synonyms TNFRSF11A; tumor necrosis factor receptor superfamily, member 11a; tumor necrosis factor receptor superfamily member 11A; receptor activator of NF-KB; receptor activator of NF-kappaB; osteoclast differentiation factor receptor; OFE; ODFR; Rank; Ly109; mRANK; TRANCE-R;

Gene ID [21934](#)

mRNA Refseq [NM_009399](#)

Protein Refseq [NP_033425](#)

Pathway Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Osteoclast, organism-specific biosystem; Osteoclast differentiation, organism-specific biosystem; Osteoclast differentiation, conserved biosystem; Rheumatoid arthritis, organism-specific biosystem; Rheumatoid arthritis, conserved biosystem;

Function binding; cytokine binding; metal ion binding; protein binding; receptor activity; transmembrane signaling receptor activity; tumor necrosis factor-activated receptor activity;

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