

## Active Recombinant Mouse Tnfrsf11a Protein, Fc Chimera

Cat. No. Tnfrsf11a-955M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Tnfrsf11a (Accession # O35305.1), fused with , was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured by its ability to inhibit TRANCE-induced osteoclast differentiation of mouse splenocytes. The ED50 for this effect is typically 0.05 - 0.15 µg/mL in the presence of 10 ng/mL of rmTRANCE.
<b>Molecular Mass</b>	Recombinant Mouse Tnfrsf11a, Fc Chimera has a calculated MW of 48 kDa (monomer). In SDS-PAGE migrates as 60 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

### GENE INFORMATION

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<b>Gene Name</b>	Tnfrsf11a tumor necrosis factor receptor superfamily, member 11a [ Mus musculus ]
<b>Official Symbol</b>	Tnfrsf11a
<b>Synonyms</b>	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;
<b>Gene ID</b>	21934
<b>mRNA Refseq</b>	NM_009399
<b>Protein Refseq</b>	NP_033425
<b>MIM</b>	

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