

Active Recombinant Mouse Tnfrsf11a Protein, Fc Chimera

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

SPECIFICATION

Product Overview	Recombinant Mouse Tnfrsf11a (Accession # O35305.1), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	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.
Molecular Mass	Recombinant Mouse Tnfrsf11a, Fc Chimera has a calculated MW of 48 kDa (monomer). In SDS-PAGE migrates as 60 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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
MIM	

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