

## Active Recombinant Human TNFRSF11B, Fc Chimera

Cat. No. TNFRSF11B-211H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TNFRSF11B (Accession # AAB53709) was produced in <i>Spodoptera frugiperda</i> , Sf 21 (baculovirus)-derived.
<b>Species</b>	Human
<b>Source</b>	Sf21 Cells
<b>Predicted N Terminal</b>	Glu22
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
<b>Bio-activity</b>	Measured by its ability to inhibit TRAIL-mediated cytotoxicity using L-929 mouse fibroblast cells treated with TRAIL. The ED50 for this effect is typically 8 - 24 ng/mL in the presence of 12 ng/mL recombinant human TRAIL.
<b>Molecular Mass</b>	Recombinant Human TNFRSF11B, Fc Chimera has a calculated MW of 71 kDa (monomer). In SDS-PAGE migrates as 77 kDa, reducing conditions.
<b>Purity</b>	>90%, 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).
<b>Reconstitution</b>	Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

serum albumin.

**GENE INFORMATION**

<b>Gene Name</b>	TNFRSF11B tumor necrosis factor receptor superfamily, member 11b [ Homo sapiens ]
<b>Official Symbol</b>	TNFRSF11B
<b>Synonyms</b>	TNFRSF11B; tumor necrosis factor receptor superfamily, member 11b; OPG, osteoprotegerin; tumor necrosis factor receptor superfamily member 11B; OCIF; TR1; osteoprotegerin; osteoclastogenesis inhibitory factor; OPG; MGC29565;
<b>Gene ID</b>	4982
<b>mRNA Refseq</b>	NM_002546
<b>Protein Refseq</b>	NP_002537
<b>MIM</b>	602643
<b>UniProt ID</b>	O00300
<b>Chromosome Location</b>	8q24

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