

## Active Recombinant Human TNFRSF11B

**Cat. No.** TNFRSF11B-210H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TNFRSF11B (Accession # AAB53709) Met1-Leu401 was produced in Chinese Hamster Ovary cell line, CHO-derived.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	1-401 a.a.
<b>Predicted N Terminal</b>	Glu22
<b>Form</b>	Lyophilized from a 0.2 µm 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 2 -10 ng/mL in the presence of 20 ng/mL Recombinant Human TRAIL/TNFSF10.
<b>Molecular Mass</b>	Recombinant Human TNFRSF11B has a calculated MW of 43.6 kDa (monomer). In SDS-PAGE migrates as 54-64 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).

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**Reconstitution** Reconstitute at 100 g/mL in PBS containing at least 0.1% human or bovine serum albumin.

## GENE INFORMATION

**Gene Name** TNFRSF11B tumor necrosis factor receptor superfamily, member 11b [ Homo sapiens ]

**Official Symbol** TNFRSF11B

**Synonyms** 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;

**Gene ID** [4982](#)

**mRNA Refseq** [NM\\_002546](#)

**Protein Refseq** [NP\\_002537](#)

**MIM** [602643](#)

**UniProt ID** O00300

**Chromosome Location** 8q24

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