

Active Recombinant Human TNFRSF11B

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

SPECIFICATION

Product Overview	Recombinant Human TNFRSF11B (Accession # AAB53709) Met1-Leu401 was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	1-401 a.a.
Predicted N Terminal	Glu22
Form	Lyophilized from a 0.2 μ filtered solution in PBS with BSA as a carrier protein.
Bio-activity	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.
Molecular Mass	Recombinant Human TNFRSF11B has a calculated MW of 43.6 kDa (monomer). In SDS-PAGE migrates as 54-64 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).

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Reconstitution Reconstitute at 100 µg/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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