

Active Recombinant Human TNFRSF11B

Cat. No. TNFRSF11B-212H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF11B (Accession # AAB53709.1) Glu22-Leu401 was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	22-401 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 8-24 ng/mL in the presence of 12 ng/mL cross-linked Recombinant Human TRAIL/TNFSF10.
Molecular Mass	Recombinant Human TNFRSF11B has a calculated MW of 43.5 kDa (monomer). In SDS-PAGE migrates as 55 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).

 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

Reconstitution Reconstitute at 100 µg/mL in sterile 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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