

Recombinant Mouse TNFRSF11B Protein, Fc-His-tagged(C-ter)

Cat. No. Tnfrsf11b-310M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TNFRSF11B Protein with Fc-His tag (C-ter) was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Leu401
Description	The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein is an osteoblast-secreted decoy receptor that functions as a negative regulator of bone resorption. This protein specifically binds to its ligand, osteoprotegerin ligand, both of which are key extracellular regulators of osteoclast development. Studies of the mouse counterpart also suggest that this protein and its ligand play a role in lymph-node organogenesis and vascular calcification. Alternatively spliced transcript variants of this gene have been reported, but their full length nature has not been determined. [provided by RefSeq, Jul 2008]
Form	Powder
Endotoxin	Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.
Purity	> 87% (by SDS-PAGE)
Applications	Binding, SDS-PAGE

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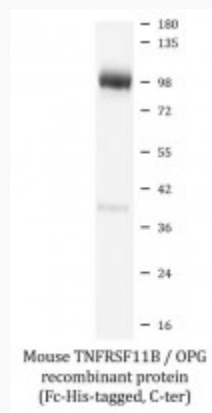
 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	For laboratory research only, not for drug, diagnostic or other use.
Storage	Lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C for up to one month, at 2-8°C for up to one week. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Storage Buffer	PBS (pH 7.4)
Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/ml in sterile distilled water.
GENE INFORMATION	
Gene Name	Tnfrsf11b tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin) [<i>Mus musculus</i>]
Official Symbol	Tnfrsf11b
Synonyms	TNFRSF11B; tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin); tumor necrosis factor receptor superfamily member 11B; osteoprotegerin; osteoclastogenesis inhibitory factor; Opg; TR1; OCIF;
Gene ID	18383
mRNA Refseq	NM_008764
Protein Refseq	NP_032790

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SDS-PAGE

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