

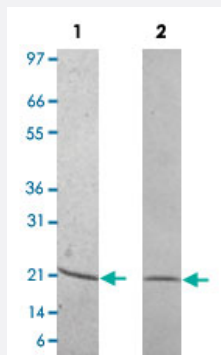
Bioactive

Tnfsf11 (Mouse) Recombinant Protein

Catalog # P4584

Size 10 ug

Applications



Lane 1: non-reducing conditions

Lane 2: reducing conditions

Specification

Product Description

Mouse Tnfsf11 (O35235) recombinant protein expressed in *Escherichia coli*.

Sequence

MPAMMEGSWLDVAQRGKPEAQPF AHLTINAASIPSGSHKVTLSWYHDRGWAKISNMTLSNGKL
RVNQDGFYYLYANICFRHHETSGSVPTDYLQLMVYVVKTSIKIPSSHNLMKGGSTKNWSGNSEFHF
YSINVGGFFKL RAGEEISIQVSNPSLLDPDQDATYFGAFKVQDID

Host

Escherichia coli

Theoretical MW (kDa)

19.9

Form

Lyophilized

Preparation Method

Escherichia coli expression system

Endotoxin Level

< 0.1 EU/ug

Activity

The activity is determined by the ability to induce osteoclast formation on mouse RAW264.7 cells using a concentration of 5.0-50.0 ng/mL.

Quality Control Testing

1 ug/lane in 4-20% Tris-Glycine gel Stained with Coomassie Blue
Lane 1: non-reducing conditions
Lane 2: reducing conditions

Storage Buffer	Lyophilized with 10 mM Na ₂ PO ₄ , 50 mM NaCl, pH 7.5.
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Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with sterilized water, store at -20°C. Aliquot to avoid repeated freezing and thawing.
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Applications

- Functional Study
- SDS-PAGE

Gene Info — Tnfsf11

Entrez GeneID	21943
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Protein Accession#	O35235
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Gene Name	Tnfsf11
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Gene Alias	Ly109l, ODF, OPG, OPGL, RANKL, Trance
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Gene Description	tumor necrosis factor (ligand) superfamily, member 11
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Gene Ontology	Hyperlink
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Gene Summary	O
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Other Designations	OPG ligand osteoclast differentiation factor osteoprotegerin ligand receptor activator of NF-kappa B ligand tumor necrosis factor-related activation-induced cytokine
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