Bioactive

Tnfsf11 (Mouse) Recombinant Protein

Catalog # P9147 Size 2 x 10 ug

Specification

Product Description	Mouse Tnfsf11 partial recombinant protein expressed in *Escherichia coli*.
Sequence	MKPEAQPFAHLTINAASIPSGSHKVTLSSWYHDRGWAKISNMTLSNGKLRVNQDGFYYLYANICFR HHETSGSVPTDYLQLMVYVVKTSIKIPSSHNLMKGGSTKNWSGNSEFHFYSINVGGFFKLRAGEEI SIQVSNPSLLDPDQDATYFGAFKVQDID
Host	Escherichia coli
Theoretical MW (kDa)	17.9
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purification	chromatographic
Purity	> 90% as determined by SDS-PAGE.
Activity	ED_{50} < 2 ng/mL, measured by the ability to induce osteoclast differentiation of RAW 264.7 mouse m onocyte/macrophage cells.
Isotype	Escherichia Coli.
Storage Buffer	Solution (1 mg/mL) containing Tris-HCl, pH 8.5, 0.1 M NaCl.
Storage Instruction	Store at 4°C for 2-4 weeks and should be stored at -20°C to -80°C. For long term storage it is recom mended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- Functional Study

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Gene Info — Tnfsf11

Entrez GeneID	21943
Protein Accession#	O35235
Gene Name	Tnfsf11
Gene Alias	Ly109l, ODF, OPG, OPGL, RANKL, Trance
Gene Description	tumor necrosis factor (ligand) superfamily, member 11
Gene Ontology	Hyperlink
Gene Summary	O
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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