

Bioactive

Tnfsf11 (Mouse) Recombinant Protein

Catalog # P9147

Size 2 x 10 ug

Specification

Product Description	Mouse Tnfsf11 partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MKPEAQPF AHLTINAASIPSGSHKVTLSWYHDRGWAKISNMTLSNGKLRVNQDGFYYLYANICFR HHETSGSVPTDYLQLMVYVVKTSIKIPSSHNL MKGGSTKNWSGNSEFHFYSINVGGFFKLRAGEEI SIQVSNPSLLDPDQDATYFGAFKVQDID
Host	Escherichia coli
Theoretical MW (kDa)	17.9
Form	Liquid
Preparation Method	<i>Escherichia coli</i> 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 monocyte/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 recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- Functional Study

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