

Recombinant Mouse Tumor Necrosis Factor Ligand Superfamily Member 11 (Tnfsf11), N-His-GST

Cat. No.: AP4C355

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Mouse Tumor Necrosis Factor Ligand Superfamily Member 11 (Tnfsf11), N-His-GST is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 49.3 kDa. The purity is > 80%.

Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	<i>E.coli</i>
Purity	> 80%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	49.3 kDa
Physical State	Lyophilized
Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Target Information

Mouse Tumor Necrosis Factor Ligand Superfamily Member 11 (Tnfsf11) is a cytokine involved in immune regulation and bone metabolism in mice. It regulates immune cell activation and function, influencing osteoporosis and autoimmune disease development. By binding to its receptor, Tnfsf11 regulates cell survival and apoptosis. Changes in Tnfsf11 expression and function are an important indicator of immune-related diseases and bone metabolic disorders.

Protein	Mouse Tumor Necrosis Factor Ligand Superfamily Member 11 (Tnfsf11)
Protein Synonym	Osteoclast differentiation factor (ODF); Osteoprotegerin ligand (OPGL); Receptor activator of nuclear factor kappa-B ligand (RANKL); TNF-related activation-induced cytokine (TRANCE)
Gene ID	21943
EC No.	Q35235

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -80°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 10 mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.