

Recombinant Mouse Activin Receptor Type-1-like (ACVRL1), C-Fc

Cat. No.: AP2C767

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

Product Overview

BioVenic's Recombinant Mouse Activin Receptor Type-1-like (ACVRL1), C-Fc is a recombinant protein expressed from Human Cell s. Its predicted molecular weight is 56.5 kDa. The purity is >90%.

Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	Human Cells
Purity	>90%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	56.5 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

Target Information

Mouse Activin Receptor Type-1-like (ACVRL1) is a serine/threonine kinase receptor involved in TGF-beta signaling. In mice, ACVRL1 regulates vascular smooth muscle cell differentiation and is implicated in vascular diseases. It plays a role in maintaining vascular integrity and responding to injury. ACVRL1 is expressed in vascular tissues and interacts with various ligands to modulate signaling pathways. Its dysfunction leads to vascular remodeling and disease pathology. The expression of ACVRL1 is regulated by developmental and pathological signals, making it important in both normal physiology and vascular diseases.

Protein	Mouse Activin Receptor Type-1-like (ACVRL1)
Protein Synonym	Signal
Gene ID	11482
UniProt ID	Q61288

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -20°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. 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.