

Recombinant Mouse Plexin Domain Containing 2 (Plxdc2), C-His

Cat. No.: AP2C709

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

Product Overview

BioVenic's Recombinant Mouse Plexin Domain Containing 2 (Plxdc2), C-His is a recombinant protein expressed from Human Cell s. Its predicted molecular weight is 59.6 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	59.6 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

Target Information

Mouse Plexin Domain Containing 2 (Plxdc2) is a transmembrane protein involved in semaphorin signaling, regulating cell migration, axon guidance, and angiogenesis. In mice, Plxdc2 plays a key role in vascular development and stability by regulating endothelial cell migration and proliferation, ensuring proper vascular patterning during embryonic development and contributing to vascular homeostasis in adults. Plxdc2 dysfunction can lead to vascular abnormalities and diseases, highlighting its importance in vascular biology.

Protein	Mouse Plexin Domain Containing 2 (Plxdc2)
Protein Synonym	Tumor endothelial marker 7-related protein; Plxdc2
Gene ID	67448
UniProt ID	Q9DC11

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.