

Recombinant Mouse Reticulon-4 Receptor (Rtn4r), C-Fc

Cat. No.: AP2C701

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

Product Overview

BioVenic's Recombinant Mouse Reticulon-4 Receptor (Rtn4r), C-Fc is a recombinant protein expressed from Human Cells. Its predicted molecular weight is 51.0 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	51.0 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

Target Information

Mouse Reticulon-4 Receptor (Rtn4r) is a receptor for reticulon-4, which is involved in the regulation of axon growth and guidance. It is expressed in the nervous system and plays a role in neural development and regeneration. Rtn4r has been implicated in various neurological disorders, including demyelinating diseases and axonopathies.

Protein	Mouse Reticulon-4 Receptor (Rtn4r)
Protein Synonym	Nogo-66 receptor; Nogo66 receptor-1
Gene ID	65079
UniProt ID	Q99PI8

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.