

Recombinant Mouse Leukocyte Surface Antigen CD47 (CD47), C-His

Cat. No.: AP2C806

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

Product Overview

BioVenic's Recombinant Mouse Leukocyte Surface Antigen CD47 (CD47), C-His is a recombinant protein expressed from Human Cells. Its predicted molecular weight is 33.1 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	33.1 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

Target Information

Mouse Leukocyte Surface Antigen CD47 is a protein expressed on the surface of mouse leukocytes. It plays a significant role in immune regulation by interacting with its ligand, signal regulatory protein alpha. CD47 is involved in various processes such as cell adhesion, immune cell activation, and the regulation of immune responses. Research on CD47 has shown its potential as a therapeutic target in immune-related diseases and cancer immunotherapy, as modulating its function can influence the activity of immune cells and their interactions with other cells in the body.

Protein	Mouse Leukocyte Surface Antigen CD47 (CD47)
Protein Synonym	Integrin-associated protein; IAP; CD47
Gene ID	16423
UniProt ID	Q61735

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.