

Recombinant Mouse B-cell Receptor CD22 (CD22), C-His

Cat. No.: AP2C935

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

Product Overview

BioVenic's Recombinant Mouse B-cell Receptor CD22 (CD22), C-His is a recombinant protein expressed from Human Cells. Its predicted molecular weight is 97.1 kDa. The purity is >90%.

Specifications

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|----------------------------|---|
| Type | Recombinant Protein |
| Species | Mouse |
| Expression System | Human Cells |
| Purity | >90% |
| Endotoxin | < 1.0 EU/µg |
| Predicted Molecular Weight | 97.1 kDa |
| Physical State | Lyophilized |
| Formulation | 0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300. |

Target Information

Mouse B-cell Receptor CD22 (CD22) is a sialic acid-binding immunoglobulin-type lectin expressed on B cells. It functions as an inhibitory receptor, regulating B cell activation and preventing autoimmunity. CD22 binds to sialic acid-containing ligands on other cells, modulating B cell responses. This receptor plays a role in maintaining immune tolerance and preventing excessive B cell activation. CD22 has been targeted in therapies for B cell malignancies, such as certain types of leukemia and lymphoma.

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| Protein | Mouse B-cell Receptor CD22 (CD22) |
| Protein Synonym | B-lymphocyte cell adhesion molecule; Sialic acid-binding Ig-like lectin 2; T-cell surface antigen Leu-14; CD22 |
| Gene ID | 12483 |
| UniProt ID | P35329 |

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.