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Recombinant Human soluble CD22

Description: CD22 is a 135 kDa B-cell restricted sialoglycoprotein that binds to oligosaccharides containing 2-6-linked sialic acid residues. It is present in the cytoplasm of nearly all B-lineage cells and is also expressed on the surface of B-cells during advance stages of differentiation. Although the exact physiological function of CD22 is unclear, it appears to play a role in B-cell activation and to act as an adhesion molecule. The potential therapeutic use of CD22 and anti-CD22 may be useful in diagnostic and/or treatment of leukemia, lymphoma, non-Hodgkin's lymphoma and certain autoimmune conditions. (Cesano A. and Gayko U. Semin. Oncol. Apr. 2003 (2): 253-257). Recombinant human CD22 is a soluble 75.0 kDa (666 amino acid residues) protein which corresponds to the extracellular domain of CD22.

Source:	CHO cells
Molecular Weight:	75 kDa
Purity:	> 95% by SDS-PAGE and HPLC analyses
Endotoxin level:	< 0.1 ng per µg of sCD22
Stabilizer:	none
Formulation:	lyophilized

Biological Activity: Data not available at this time.

Reconstitution: We recommended a quick spin followed by reconstitution in water to a concentration of 0.1-1.0 mg/ml. This solution can be diluted into other aqueous buffers and stored at 4°C for one week or at -20°C for future use.

Stability: The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C. Reconstituted sCD22 should be stored in working aliquots at -200C. **Avoid repeated freeze-thaw cycles.**

Usage: Human sCD22 is offered for research use. Not for drug use. Not for human use.

Catalogue number: S01-031

Size: 20 µg

****please note: always centrifuge product before opening Vial.****