

Recombinant Mouse Cd22 protein, hFc-tagged

Cat. No. Cd22-8321M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd22 protein (BAE33829.1)(Met1-Arg708) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Arg708
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse CD22/Fc is a disulfide-linked homodimer. The reduced monomer comprises 931 amino acids and has a predicted molecular mass of 104.3 kDa. The apparent molecular mass of the protein is approximately 125 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Cd22 CD22 antigen [*Mus musculus*]

Official Symbol Cd22

Synonyms CD22; CD22 antigen; B-cell receptor CD22; BL-CAM; siglec-2; T-cell surface antigen Leu-14; B-lymphocyte cell adhesion molecule; sialic acid-binding Ig-like lectin 2; Lyb8; Lyb-8; A530093D23;

Gene ID 12483

mRNA Refseq NM_001043317

Protein Refseq NP_001036782

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