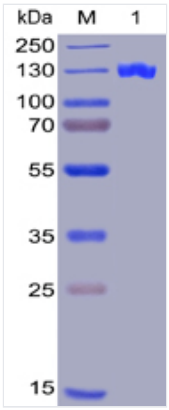
CD22 Human Protein

PRODUCT OVERVIEW

Product Name	CD22, Protein
Full Product Name	Human CD22 Protein, hFc-His Tag
Product Gene Name	CD22 protein
Product Synonym Names	CD22; SIGLEC2; BL-CAM; SIGLEC-2; Siglec2; SIGLEC2FLJ22814
Host	HEK293 cells
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5 %-12 % trehalose is added as protectants before lyophilization.
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing)
Molecular Weight	The protein has a predicted molecular mass of 130-135kDa after removal of the signal peptide.
Sequence Positions	CD22 (Asp20-Arg687)+hFc (Glu99-Ala330)
Species	Human
Vector and Tag	C-Human Fc and 6xHis tag
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CD22 protein	B-cell receptor CD22 is also known as Sialic acid-binding Ig-like lectin 2 (Siglec-2), B-lymphocyte cell adhesion molecule (BL-CAM), T-cell surface antigen Leu-14, which belongs to the immunoglobulin superfamily and SIGLEC (sialic acid binding Ig-like lectin) family. CD22 mediates B-cell B-cell interactions, and may be involved in the localization of B-cells in lymphoid tissues. Siglec-2/CD22 binds sialylated glycoproteins, one of which is CD45. Siglec2/CD22 plays a role in positive regulation through interaction with Src family tyrosine kinases and may also act as an inhibitory receptor by recruiting cytoplasmic phosphatases via their SH2 domains that block signal transduction through dephosphorylation of signaling molecules.
Other Notes	Small volumes of CD22 protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CD22 purchase	MBS8575063 is a protein targeting CD22. Also known as Human CD22 Protein, hFc-His Tag. Host: HEK293 cells.



SDS-Page of CD22 protein
Figure 1. Human CD22, hFc-His Tag on SDS-PAGE under reducing condition.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD22. It may not necessarily be applicable to this product.

Protein Family	B-cell receptor
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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