PRODUCT INFORMATION

Target	CD22
Synonyms	SIGLEC2; SIGLEC-2
Description	Recombinant human CD22(417-678) Protein with C-terminal mouse Fc tag
Delivery	In Stock
Uniprot ID	P20273
Expression Host	HEK293
Tag	C-mouse Fc tag
Molecular Characterization	CD22(Tyr417-Tyr678) mFc(Pro99-Lys330)
Molecular Weight	The protein has a predicted molecular mass of 55.5 kDa after removal of the signal peptide. The apparent molecular mass of CD22(417-678)-mFc is approximately 70-100 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	Predicted to enable CD4 receptor binding activity; protein phosphatase binding activity; and sialic acid binding activity. Involved in B cell activation; negative regulation of B cell receptor signaling pathway; and regulation of endocytosis. Located in early endosome and recycling endosome. [provided by Alliance of Genome Resources, Apr 2022]
Usage	Research use only
Conjugate	Unconjugated

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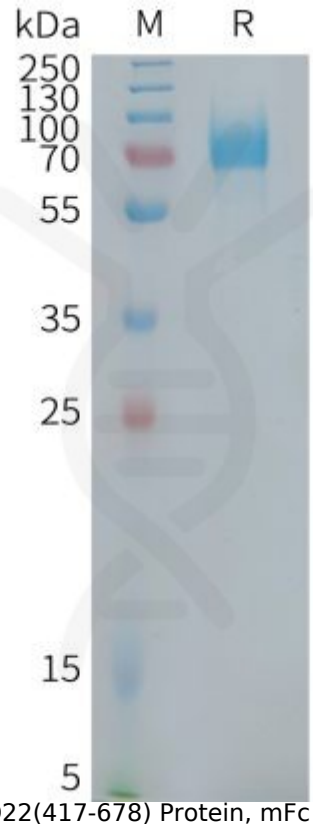


Figure 1. Human CD22(417-678) Protein, mFc Tag on SDS-PAGE under reducing condition.

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