PRODUCT INFORMATION

Target	CD20
Synonyms	B1;Bp35;MS4A1;CVID5;LEU-16;MS4A1;S7
Description	Recombinant Human CD20 protein with N-terminal human Fc
Delivery	In Stock
Uniprot ID	P11836
Expression Host	HEK293
Tag	N-Human Fc Tag
Molecular Characterization	hFc(Glu99-Ala330) CD20(Lys142-Ser188)
Molecular Weight	The protein has a predicted molecular mass of 31.6 kDa after removal of the signal peptide.The apparent molecular mass of hFc-CD20 is approximately 35-55 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 of reconstitution.
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	This gene encodes a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. This gene encodes a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells. This family member is localized to 11q12, among a cluster of family members. Alternative splicing of this gene results in two transcript variants which encode the same protein.
Usage	Research use only
Conjugate	Unconjugated

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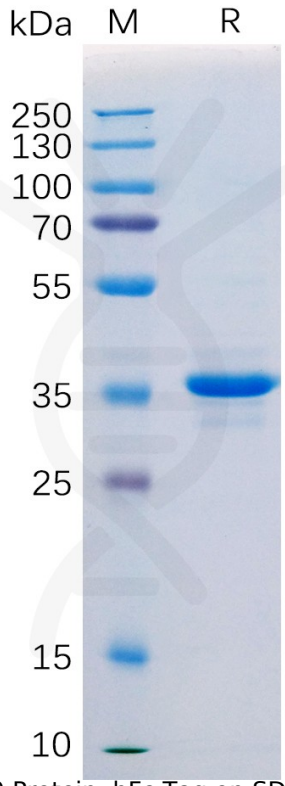


Figure 1. Human CD20 Protein, hFc Tag on SDS-PAGE under reducing condition.

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