

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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
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



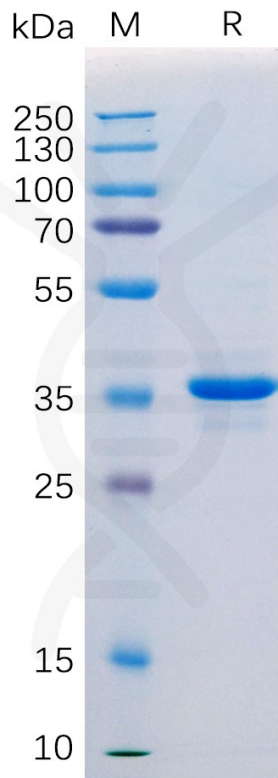


Figure 1. Human CD20 Protein, hFc Tag on SDS-PAGE under reducing condition.

