

Datasheet for ABIN7092665

CD20 Protein (Fc Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CD20 (MS4A1)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD20 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human CD20 protein with N-terminal human Fc
Specificity:	HFc (Glu99-Ala330) CD20 (Lys142-Ser188)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CD20 (MS4A1)
Alternative Name:	CD20 (MS4A1 Products)
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

Target Details

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.

Molecular Weight: predicted molecular mass of 31.6 kDa after removal of the signal peptide. The apparent molecular mass of hFc-CD20 is 35-55 kDa due to glycosylation.

Gene ID: 931

UniProt: [P11836](#)

Application Details

Restrictions: For Research Use only

Handling

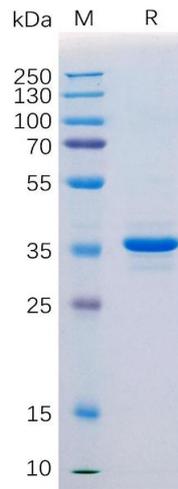
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months



SDS-PAGE

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