

Datasheet for ABIN6964133

CD21 Protein (Fc Tag)**1** Image[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD21 (CR2)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD21 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human CD21 with C-terminal human Fc tag
Specificity:	CD21 (Ile21-Arg971) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CD21 (CR2)
Alternative Name:	CD21 (CR2 Products)
Background:	Synonyms: C3DR, CD21, CR, CVID7, SLEB9 Description: This gene encodes a membrane protein, which functions as a receptor for Epstein-Barr virus (EBV) binding on B and T lymphocytes. Genetic variations in this gene are associated

Target Details

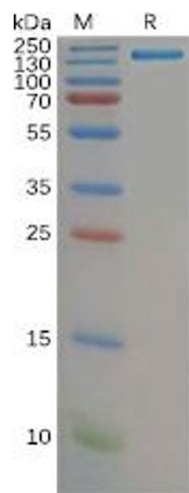
	with susceptibility to systemic lupus erythematosus type 9 (SLEB9). Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	predicted molecular mass of 130.4 kDa after removal of the signal peptide. The apparent molecular mass of CD21-hFc is 130-150 kDa due to glycosylation.
UniProt:	P20023
Pathways:	Complement System

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative:	Without preservative
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 CD21 Protein, hFc Tag on SDS-PAGE under reducing condition.