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# CD21 Protein (AA 21-971) (Fc Tag)



## Image



#### Overview

Quantity:	100 μg
Target:	CD21 (CR2)
Protein Characteristics:	AA 21-971
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD21 protein is labelled with Fc Tag.

#### **Product Details**

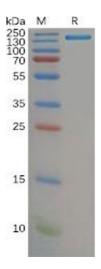
Purpose:	Recombinant Human CD21 with C-terminal human Fc tag
Specificity:	CD21 (Ile21-Arg971) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined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

#### **Target Details**

Target:	CD21 (CR2)
Alternative Name:	CD21 (CR2 Products)
Background:	This gene encodes a membrane protein, which functions as a receptor for Epstein-Barr virus

## Target Details

	(EBV) binding on B and T lymphocytes. Genetic variations in this gene are associated with susceptibility to systemic lupus erythematosus type 9 (SLEB9). Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Sep 2009]
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	
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 CD21 Protein, hFc Tag on SDS-PAGE under reducing condition.