

Datasheet for ABIN7491087  
**CD19 Protein (AA 20-291) (mFc Tag)**



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1 Image

## Overview

Quantity:	100 µg
Target:	CD19
Protein Characteristics:	AA 20-291
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD19 protein is labelled with mFc Tag.

## Product Details

Purpose:	Recombinant human CD19 protein with C-terminal mouse Fc tag
Specificity:	CD19 (Pro20-Lys291) mFc (Pro99-Lys330)
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:	CD19
Alternative Name:	CD19 ( <a href="#">CD19 Products</a> )
Background:	Lymphocytes proliferate and differentiate in response to various concentrations of different

## Target Details

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antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. This gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.

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Molecular Weight: predicted molecular mass of 56.3 kDa after removal of the signal peptide. The apparent molecular mass of CD19-mFc is 70-100 kDa due to glycosylation.

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UniProt: [P15391](#)

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Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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

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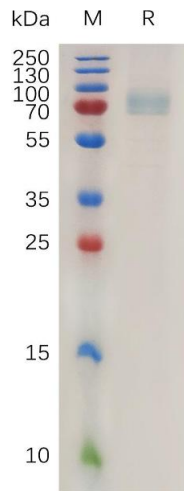
Storage: -20 °C,-80 °C

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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.

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Expiry Date: 12 months



### SDS-PAGE

**Image 1.** Human CD19 Protein, mFc Tag on SDS-PAGE under reducing condition.