

Recombinant Human CD19 Protein (Pro 20 - Lys 291), Fc-tagged, FITC-Labeled

Cat. No. CD19-341H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Human CD19 Protein, Fc-tagged, FITC-Labeled is expressed from human HEK293 cells. It contains AA Pro 20 - Lys 291 (Accession # P15391-1). It is the FITC labeled form of Human CD19 (20-291), Fc Tag. Predicted N-terminus: Pro 20. This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 56.6 kDa. The protein migrates as 70 kDa and 150 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. Conjugate (FITC): Excitation source: 488 nm spectral line, argon-ion laser; Excitation Wavelength: 488 nm; Emission Wavelength: 535 nm.

Species

Human

Source

HEK293

ProteinLength

Pro 20 - Lys 291

Form

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Molecular Mass

56.6 kDa

Endotoxin

Less than 1.0 EU per µg by the LAL method.

Purity

>90% as determined by SDS-PAGE.

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Notes	Please avoid repeated freeze-thaw cycles.
Stability	No activity loss is observed after storage at: 4-8 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution.
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	FITC

GENE INFORMATION

Gene Name	CD19 CD19 molecule [Homo sapiens]
Official Symbol	CD19
Synonyms	CD19; CD19 molecule; CD19 antigen; B4; CVID3; MGC12802;
Gene ID	930
mRNA Refseq	NM_001178098
Protein Refseq	NP_001171569
MIM	107265

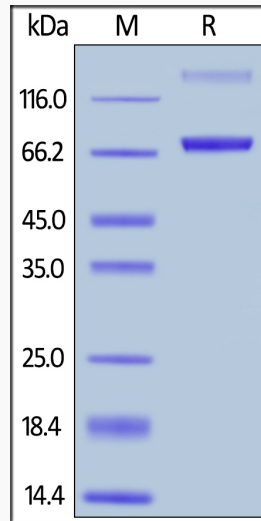
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UniProt ID

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