

Active Recombinant Human CD19 Protein, LIgG2b Fc-tagged, low endotoxin

Cat. No. CD19-340H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD19 Protein, LIgG2b Fc-tagged, low endotoxin is expressed from human 293 cells (HEK293). It contains AA Pro 20 - Lys 291 (Accession # P15391-1). Predicted N-terminus: Pro 20. This protein carries a llama IgG2b Fc tag at the C-terminus. The protein has a calculated MW of 57.9 kDa. The protein migrates as 70-100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
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.
Bio-activity	Immobilized FMC63 at 0.5 µg/mL (100 µL/well) can bind Recombinant Human CD19 Protein, LIgG2b Fc-tagged, low endotoxin with a linear range of 0.078-1.25 µg/mL (QC tested).
Molecular Mass	57.9 kDa
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	>95% 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.

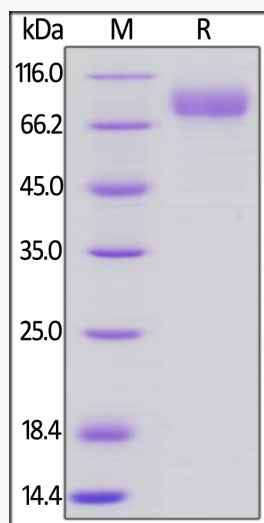
GENE INFORMATION

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
UniProt ID	P15391

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