

Active Recombinant Human CD19 Protein, His-Avi-tagged, Biotinylated

Cat. No. CD19-559H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human CD19 Protein(P15391-1)(Pro 20 - Lys 291) is expressed from HEK293 with His tag and Avi tag at the C-terminal.
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 Monoclonal Anti-Human CD19 Antibody, Mouse IgG2a at 2 µg/mL (100 µL/well) can bind Biotinylated Human CD19 (20-291), His,Avitag with a linear range of 1-31 ng/mL.
Molecular Mass	The protein has a calculated MW of 33.7 kDa. The protein migrates as 50-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	This product is stable after storage at:

 Tel: 1-631-559-9269 1-516-512-3133

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-20°C to -70°C for 12 months in lyophilized state;
-70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation

Biotin

GENE INFORMATION

Gene Name

CD19 CD19 molecule [Homo sapiens]

Official Symbol

CD19

Synonyms

CD19; CD19 molecule; CD19 antigen; B-lymphocyte antigen CD19; differentiation antigen CD19; T-cell surface antigen Leu-12; B-lymphocyte surface antigen B4; B4; CVID3; MGC12802

Gene ID

930

mRNA Refseq

NM_001178098

Protein Refseq

NP_001171569

MIM

107265

UniProt ID

P15391

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