

Recombinant Human CD19 Protein, His-tagged, Alexa Fluor 488 conjugated

Cat. No. CD19-3309HAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant human CD19 (P15391) extracellular domain (Met 1-Lys 291), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.
Species	Human
Source	HEK293
ProteinLength	283
Form	Lyophilized
Molecular Mass	The recombinant human CD19 consists of 283 amino acids and predicts a molecular mass of 31.6 kDa. In SDS-PAGE under reducing conditions, rhCD19 migrates as an approximately 47 kDa band due to glycosylation.
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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Storage	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	CD19 CD19 molecule [Homo sapiens]
Official Symbol	CD19
Gene ID	930
mRNA Refseq	NM_001178098
Protein Refseq	NP_001171569
MIM	107265
UniProt ID	P15391

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