

# Recombinant Human CD19 Protein, His-tagged, FITC conjugated

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | FITC 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.                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 283                                                                                                                                                                                                            |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 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. |
| <b>Endotoxin</b>        | < 1.0 EU/ µg of the protein as determined by the LAL method.                                                                                                                                                   |
| <b>Characteristic</b>   | Disulfide-linked homodimer<br>Labeled with FITC via amines<br>Excitation source: 488 nm spectral line, argon-ion laser<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 535 nm                         |
| <b>Stability</b>        | Samples are stable for up to 12 months from date of receipt at -70 centigrade.                                                                                                                                 |

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|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | 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.       |
| <b>Storage Buffer</b> | Lyophilized from sterile PBS, pH 7.4                                                                                                                                      |
| <b>Reconstitution</b> | 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. |
| <b>Conjugation</b>    | FITC                                                                                                                                                                      |

## GENE INFORMATION

|                        |                                     |
|------------------------|-------------------------------------|
| <b>Gene Name</b>       | CD19 CD19 molecule [ Homo sapiens ] |
| <b>Official Symbol</b> | CD19                                |
| <b>Gene ID</b>         | 930                                 |
| <b>mRNA Refseq</b>     | NM_001178098                        |
| <b>Protein Refseq</b>  | NP_001171569                        |
| <b>MIM</b>             | 107265                              |
| <b>UniProt ID</b>      | P15391                              |

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