

## Active Recombinant Human CD19 protein, His-tagged

Cat. No. CD19-150H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD19 protein(P15391-1)(Met1-Lys291), fused with His tag, was produced in Human Cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Lys291
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4
<b>Bio-activity</b>	Immobilized Human CD19 His at 2 µg/ml (100 µl/well) can bind Anti-CD19 Antibody, the EC50 of Anti-CD19 Antibody is 5-40 ng/mL.
<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 per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**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.

## 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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