

Active Recombinant Human CD19 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CD19 protein(P15391-1)(Met1-Lys291), fused with His tag, was produced in Human Cells.
Species	Human
Source	HEK293
ProteinLength	Met1-Lys291
Form	Lyophilized from sterile PBS, pH 7.4
Bio-activity	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.
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 per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	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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