

Active GMP Recombinant Human CD19 protein

Cat. No. CD19-307HG Lot. No. (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human CD19 protein(NP_001171569)(271 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human CD19 (UniProtKB/Swiss-Prot: P15391.6) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The linear range of immobilized CD19 monoclonal antibody at 5ug/mL (100 uL/well) that can bind to CD19 protein is 5-100ng/mL.
Molecular Mass	Human CD19 Protein contains 271 aa. It has a predicted MW of 31.8 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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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; B4; CVID3; MGC12802

Gene ID 930

mRNA Refseq NM_001178098

Protein Refseq NP_001171569

MIM 107265

UniProt ID P15391

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