

Recombinant Human CD19 protein, His-tagged

Cat. No. CD19-3083H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD19 protein(314-556 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	N-His
ProteinLength	314-556 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

QRALVLRRKRKRMTDPTRRFFKVTPPPGSGPQNQYGNVLSLPTPTSGLGRAQRWA
 AGLGGTAPSYGNPSSDVQADGALGSRSPPGVGPEEEEEGEGYEEDSEEDSEFYEN
 DSNLGQDQLSQDGSYENPEDEPLGPEDEDSFSNAESYENEDEELTQPVARTMDF
 LSPHGSAWDPSREATSLGSQSYEDMRGILYAAPQLRSIRGQPGPNHEEDADSYEN
 MDNPDGPDPAWGGGGGRMGWTWSTR

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](#)

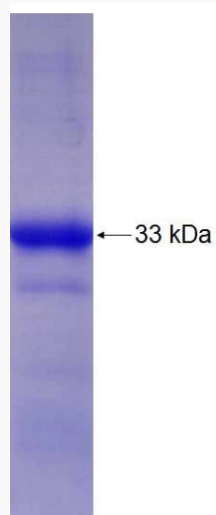
UniProt ID [P15391](#)

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SDS-PAGE

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