

## Recombinant Human CD19 protein, His-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CD19 protein(314-556 aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                |
| <b>Source</b>           | N-His                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 314-556 aa                                                                                                                                                                                                                                           |
| <b>Tag</b>              | N-His                                                                                                                                                                                                                                                |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.              |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                             |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>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.    |
| <b>Reconstitution</b>   | 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  
 DSNLGQDQLSQDGGSGYENPEDEPLGPEDEDSFSNAESYENEDEELTQPVARTMDF  
 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](#)

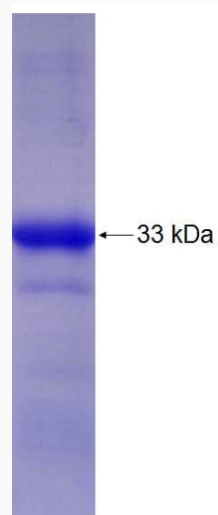
**UniProt ID** [P15391](#)

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SDS-PAGE



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