

Datasheet for ABIN6964071
CD19 Protein (Fc-His Tag)[Go to Product page](#)

1 Image

Overview

| | |
|-------------------------------|--|
| Quantity: | 100 µg |
| Target: | CD19 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CD19 protein is labelled with Fc-His Tag. |

Product Details

| | |
|------------------|---|
| Purpose: | Recombinant human CD19 Protein with C-terminal Human Fc and 6xHis tag |
| Specificity: | CD19 (Pro20-Lys291) hFc (Glu99-Ala330) 6xHis tag |
| Characteristics: | Extracellular Domain Protein |
| Purification: | affinity purification |
| Purity: | The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining. |

Target Details

| | |
|-------------------|---|
| Target: | CD19 |
| Alternative Name: | CD19 (CD19 Products) |
| Background: | Synonyms: CD19,B4,CVID3,MGC12802 Description: Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the |

Target Details

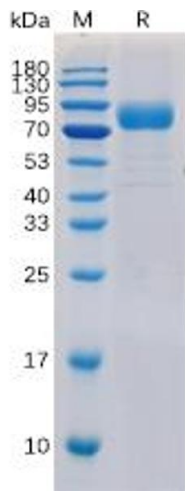
| | |
|-------------------|--|
| | various antigens is achieved with the use of low-affinity antigen receptors. This gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation. |
| Molecular Weight: | predicted molecular mass of 57.1 kDa after removal of the signal peptide. The apparent molecular mass of CD19-hFc-His is 70-100 kDa due to glycosylation. |
| Gene ID: | 930 |
| UniProt: | P15391 |
| Pathways: | Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway |

Application Details

| | |
|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

Handling

| | |
|------------------|--|
| Format: | Lyophilized |
| Reconstitution: | Reconstitute with deionized water |
| Buffer: | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization. |
| Preservative: | Without preservative |
| Storage: | -20 °C, -80 °C |
| Storage Comment: | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Expiry Date: | 12 months |



SDS-PAGE

Image 1. Human CD19 Protein, hFc-His Tag on SDS-PAGE under reducing condition.