

PRODUCT INFORMATION

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| Target | CD19 |
| Synonyms | B4;CVID3;MGC12802 |
| Description | Recombinant human CD19 protein with C-terminal mouse Fc tag |
| Delivery | In Stock |
| Uniprot ID | P15391 |
| Expression Host | HEK293 |
| Tag | C-Mouse Fc Tag |
| Molecular Characterization | CD19(Pro20-Lys291) mFc(Pro99-Lys330) |
| Molecular Weight | The protein has a predicted molecular mass of 56.3 kDa after removal of the signal peptide. The apparent molecular mass of CD19-mFc is approximately 70-100 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | 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. |
| Background | 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 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. |
| Usage | Research use only |



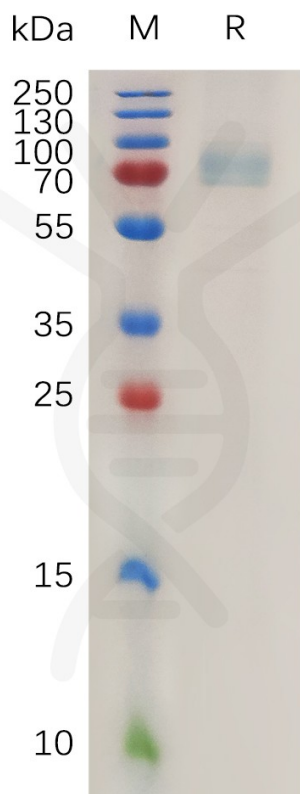


Figure 1. Human CD19 Protein, mFc Tag on SDS-PAGE under reducing condition.

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