## PRODUCT INFORMATION

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|---|---|
| **Target** | CD23 |
| **Synonyms** | BLAST-2;CD23;CD23A;CLEC4J;FCE2;IGEBF |
| **Description** | Recombinant human CD23 protein with N-terminal 6×His tag |
| **Delivery** | In Stock |
| **Uniprot ID** | P06734 |
| **Expression Host** | HEK293 |
| **Tag** | N-6×His Tag |
| **Molecular Characterization** | 6×His tag CD23(Asp48-Ser321) |
| **Molecular Weight** | The protein has a predicted molecular mass of 31.8 kDa after removal of the signal peptide. The apparent molecular mass of His-CD23 is approximately 35-55 kDa due to glycosylation. |
| **Purity** | The purity of the protein is greater than 85% 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** | The protein encoded by this gene is a B-cell specific antigen, and a low-affinity receptor for IgE. It has essential roles in B cell growth and differentiation, and the regulation of IgE production. This protein also exists as a soluble secreted form, then functioning as a potent mitogenic growth factor. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq, Jul 2011] |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |

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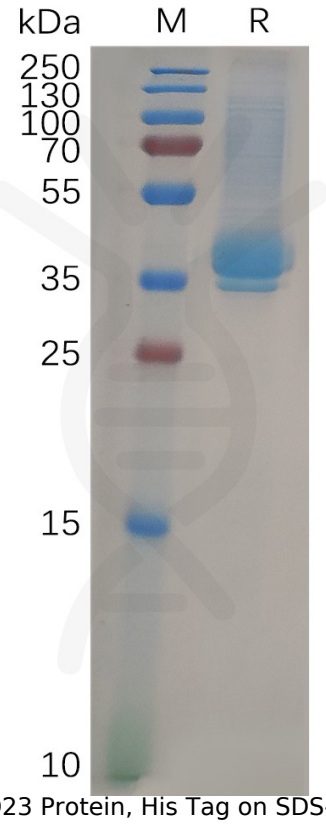



Figure 1. Human CD23 Protein, His Tag on SDS-PAGE under reducing condition.

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