

PRODUCT INFORMATION

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|------------------------------|---|
| Target | CD123 |
| Synonyms | CD123;CDw123;SUT-1 |
| Description | Recombinant mouse CD123 protein with C-terminal 6×His tag |
| Delivery | In Stock |
| Uniprot ID | P26952 |
| Expression Host | HEK293 |
| Tag | C-6×His Tag |
| Molecular Characterization | Mouse CD123(Ser17-Lys331) 6×His tag |
| Molecular Weight | The protein has a predicted molecular mass of 35.3 kDa after removal of the signal peptide. The apparent molecular mass of mCD123-His is approximately 55-70 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 | In mouse, there are two classes of high-affinity IL3 receptors. One contains an IL3-specific beta subunit and the other contains the beta subunit also shared by high-affinity IL5 and GM-CSF receptors.[UniProtKB/Swiss-Prot Function] |
| Usage | Research use only |



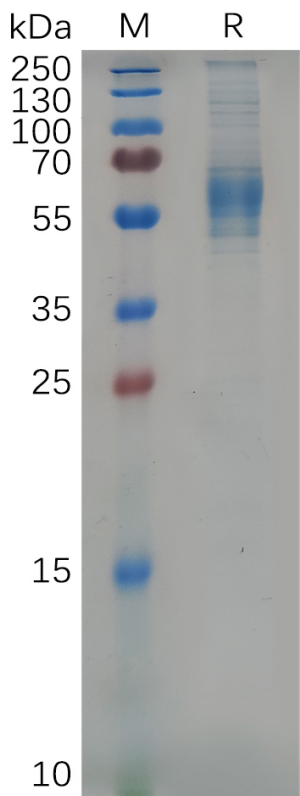


Figure 1. Mouse CD123 Protein, His Tag on SDS-PAGE under reducing condition.

