

PRODUCT INFORMATION

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| Target | CD5 |
| Synonyms | CD5;LEU1 |
| Description | Recombinant human CD5 protein with C-terminal 6×His tag |
| Delivery | In Stock |
| Uniprot ID | P06127 |
| Expression Host | HEK293 |
| Tag | C-6×His Tag |
| Molecular Characterization | CD5(Arg25-Pro372) 6×His tag |
| Molecular Weight | The protein has a predicted molecular mass of 39.5 kDa after removal of the signal peptide. |
| 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 | This gene encodes a member of the scavenger receptor cysteine-rich (SRCR) superfamily. Members of this family are secreted or membrane-anchored proteins mainly found in cells associated with the immune system. This protein is a type-I transmembrane glycoprotein found on the surface of thymocytes, T lymphocytes and a subset of B lymphocytes. The encoded protein contains three SRCR domains and may act as a receptor to regulate T-cell proliferation. Alternative splicing results in multiple transcript variants encoding different isoforms. |
| Usage | Research use only |
| Conjugate | Unconjugated |



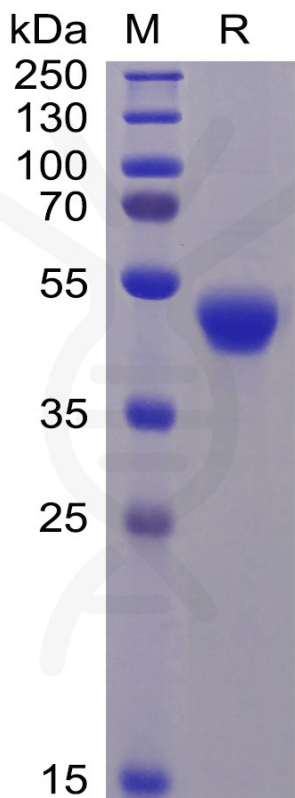


Figure 1. Human CD5 Protein, His Tag on SDS-PAGE under reducing condition.

