## PRODUCT INFORMATION

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|---|---|
| **Target** | CLEC14A |
| **Synonyms** | C14orf27;CEG1;EGFR-5 |
| **Description** | Recombinant human CLEC14A protein with C-terminal 6×His tag |
| **Delivery** | In Stock |
| **Uniprot ID** | Q86T13 |
| **Expression Host** | HEK293 |
| **Tag** | C-6×His Tag |
| **Molecular Characterization** | CLEC14A(Glu22-Ala397) 6×His tag |
| **Molecular Weight** | The protein has a predicted molecular mass of 40.7 kDa after removal of the signal peptide. The apparent molecular mass of CLEC14A-His 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** | This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. This family member plays a role in cell-cell adhesion and angiogenesis. It functions in filopodia formation, cell migration and tube formation. Due to its presence at higher levels in tumor endothelium than in normal tissue endothelium, it is considered to be a candidate for tumor vascular targeting. [provided by RefSeq, Jan 2012] |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |

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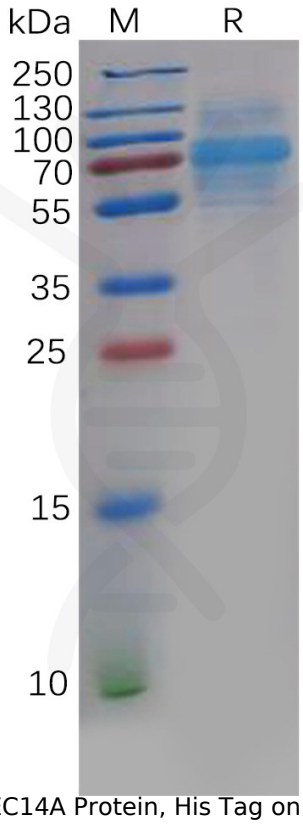



Figure 1. Human CLEC14A Protein, His Tag on SDS-PAGE under reducing condition.

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