

PRODUCT INFORMATION

| | |
|---|--|
| Target | CEACAM8 |
| Synonyms | CD66b;CD67;CGM6;NCA-95 |
| Description | Recombinant human CEACAM8 protein with C-terminal 6×His tag |
| Delivery | In Stock |
| Uniprot ID | P31997 |
| Expression Host | HEK293 |
| Tag | C-6×His Tag |
| Molecular Characterization | CEACAM8(Gln35-Ser319) 6×His tag |
| Molecular Weight | The protein has a predicted molecular mass of 32.2 kDa after removal of the signal peptide. The apparent molecular mass of CEACAM8-His is approximately 35-70 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 | Cell surface glycoprotein that plays a role in cell adhesion in a calcium-independent manner (PubMed:8776764, PubMed:2022629, PubMed:11590190). Mediates heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules, such as CEACAM6 (PubMed:8776764, PubMed:2022629, PubMed:11590190). Heterophilic interaction with CEACAM8 occurs in activated neutrophils (PubMed:8776764).[UniProtKB/Swiss-Prot Function] |
| Usage | Research use only |
| Conjugate | Unconjugated |



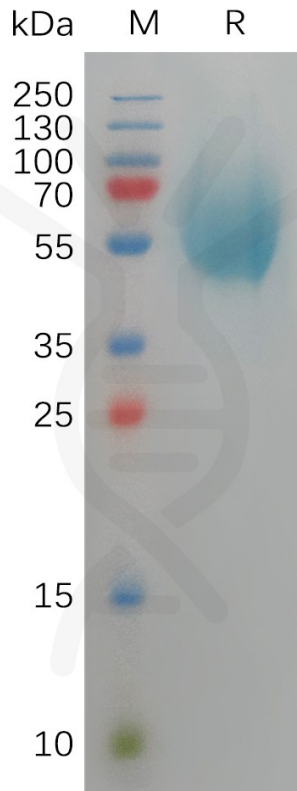


Figure 1. Human CEACAM8 Protein, His Tag on SDS-PAGE under reducing condition.

DIMABIO CONFIDENTIAL

