

Recombinant Human CEACAM6/CD66c Protein

Catalog No.: RP00982 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	4680	P40199

Tags

C-His

Synonyms

CEACAM6; NCA; Cell adhesion molecule CEACAM6; Carcinoembryonic antigen-related cell adhesion molecule 6; CEA cell adhesion molecule 6; Non-specific crossreacting antigen; Normal cross-reacting antigen; CD66c

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW	Observed MW
32.09 kDa	40-65 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

Background

Basic Information

Description

Recombinant Human CEACAM6/CD66c Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Lys35-Gly320) of human CEACAM6 (Accession #NP_002474.3) fused with a 6×His tag at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human CEACAM6 at 2 μg/mL (100 μL/well) can bind Recombinant Human CEACAM8 with a linear range of 0.1-0.4 μg/mL.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

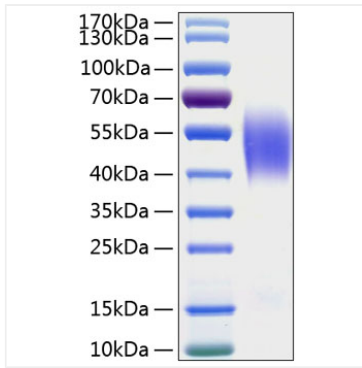
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

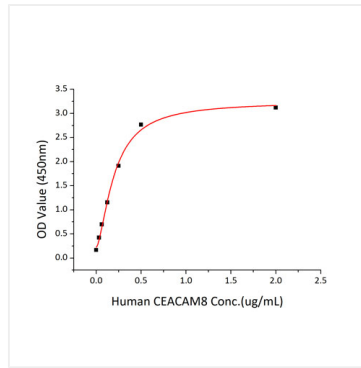
Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Validation Data



Recombinant Human CEACAM6/CD66c Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Recombinant Human CEACAM6 at 2 $\mu\text{g}/\text{mL}$ (100 $\mu\text{L}/\text{well}$) can bind Recombinant Human CEACAM8 with a linear range of 0.1-0.4 $\mu\text{g}/\text{mL}$.