Recombinant Human CEACAM6/CD66c Protein

Catalog No.: RP00413

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Sequence Information

Species
Human

Gene ID
4680

Swiss Prot
P40199

Tags
C-His&Avi

Synonyms
CEACAM6; CD66c; CEAL; NCA; CEA

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE;≥ 95 % as determined by HPLC.

Calculated MW
34.1 kDa

Observed MW
55-75 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Carcinoembryonic antigen-related cell adhesion molecule 6 (CEACAM6) belongs to the human carcino-embryonic antigen (CEA) family. Numerous lines of studies have indicated that altered expression of CEACAM6 may have a role in carcinogenesis and development.

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/CD66c (Accession #P40199) fused with a C-His&Avi tag at the C-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

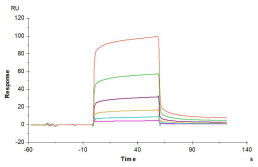
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

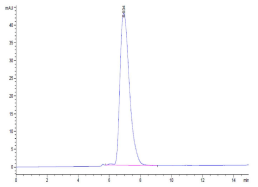
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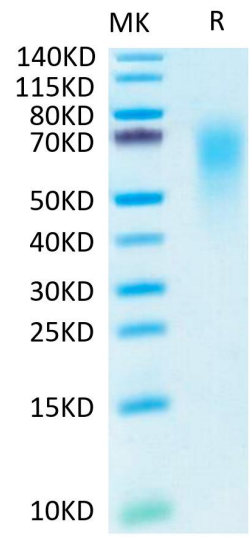
Validation Data



Human CEACAM-8, His Tag immobilized on CM5 Chip can bind Human CEACAM-6, His Tag with an affinity constant of 4.59 μM as determined in SPR assay (Biacore T200).



The purity of Human CEACAM-6 is greater than 95% as determined by SEC-HPLC.



Recombinant Human CEACAM6/CD66c Protein was determined by Tris-Bis PAGE under reducing conditions.