

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.

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.

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.

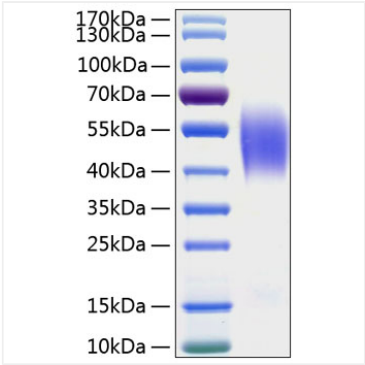
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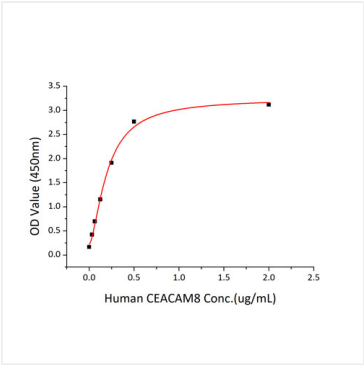
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Validation Data



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



Immobilized Recombinant Human CEACAM6 at 2 ug/mL (100uL/well) can bind Recombinant Human CEACAM8 with a linear range of 0.1-0.4 ug/mL.