Recombinant Human CEACAM5/CEA/CD66e Protein

Catalog No.: RP01157

Sequence Information

Species
Human

Gene ID
1048

Swiss Prot
P06731

Tags
C-His

Synonyms
CEACAM5,CD66e,CEA

Product Information

Source
HEK293 cells

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

Calculated MW
72.16 kDa

Observed MW
100-170 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 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

Basic Information

Description
Recombinant Human CEACAM5/CEA/CD66e Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Lys35-Ala685) of human CEACAM-5/CD66e (Accession #NP_004354.2) fused with a 6×His tag at the C-terminus.

Activity
Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human CEACAM5 at 5 μg/mL (100 μL/well) can bind Recombinant Human CEACAM8 with a linear range of 0.5-3 μg/mL.

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℃

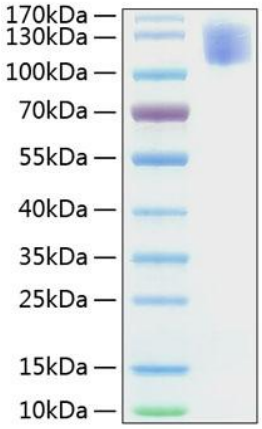
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

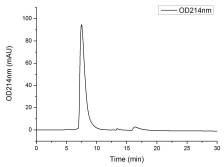
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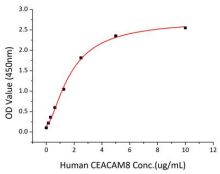
Validation Data



Recombinant Human CEACAM5/CEA/CD66e Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



The purity of human CEACAM-5/CD66e Protein (Cat.RP01157) was greater than 95% as determined by SEC-HPLC.



Immobilized Recombinant Human CEACAM5 at 5 μg/mL (100μL/well) can bind Recombinant Human CEACAM8 with a linear range of 0.5-3 μg/mL.